



The

CHEMIST AND DRUGGIST

or RETAILER - WHOLESALER - MANUFACTURER

Founded 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

22 XL OCTOBER 9, 1943 Annual Subscription (with Diary) 25/- Single Copies 9d.

Announcing a new **M & B** arsenical

'NEO-HALARSINE'

TRADE MARK

BRAND

arsphenoxide tartrate

It is now certain that the substance 3-amino-4-hydroxyphenyl arsine oxide which we have named arsphenoxide is of value in the treatment of syphilis and other spirochaetal infections.

Arsphenoxide tartrate, a pure crystalline compound of unvarying composition, is available in ampoules suitably diluted with sodium bicarbonate and sucrose to facilitate the preparation of isotonic solutions for intravenous injection. As a result of the incorporation of a trace of an innocuous stabilising agent such solutions will not discolour or become more toxic after standing for at least eight hours.

SUPPLIES:

boxes of

0.045 Gm. ampoules 2/0d.	10 x 0.045 Gm. ampoules 19/6d.
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0.090 Gm. ampoules 2/6d.	10 x 0.090 Gm. ampoules 24/6d.

All prices subject to the usual discounts and to the addition of Purchase Tax.

Further information will



BE GLADLY SENT ON REQUEST

Manufactured by MAY & BAKER LIMITED · DAGENHAM · ENGLAND
 Distributed by PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD.

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RUABON • WREXHAM • DENBIGHSHIRE • Ruabon 3191

Monsanto make

a wide range of

DISINFECTANTS

Sheep Dips
Veterinary Fluids
Black Fluids
White Fluids
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(for ships)
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(for gas masks)

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Acrosyl

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(Chloroxylenol B.P.C.)
Parachlormetacresol
(Chlorocresol B.P.)
Cresantol 3
Cresantol 15

A LOGICAL DEFENCE AGAINST COMMON COLD

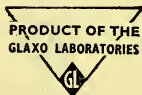
● A logical — and successful — method of preventing the common cold is to stimulate natural powers of resistance by immunising with Cold Dissolved Vaccine (Glaxo). The discomfort and ill health from the common cold is caused by the secondary bacterial infection of the mucosa, and Cold Dissolved Vaccine contains all the bacterial strains commonly responsible.

A course of Cold Dissolved Vaccine (Glaxo) provides protection in many instances, and in others the severity of the attacks is greatly reduced.

Even with Cold Dissolved Vaccine, in which the antigens are in solution and with which the response is rapid, time is needed for the development of an adequate degree of immunity. Injections should be started *now*, during late autumn.

COLD DISSOLVED VACCINE *Glaxo*

In 5 cc. and 25 cc. rubber-capped bottles.



GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BY *Ron* 3434



"SULPHAMEZATHINE"

brand of

SULPHADIMETHYLPYRIMIDINE

"Sulphamezathine" is a new sulphonamide of low toxicity. It is rapidly absorbed when given by the mouth and attains a high concentration in the blood when given in adequate doses. As "Sulphamezathine" is slowly excreted its concentration in the tissues is well maintained therefore less frequent dosage is necessary.

It is noteworthy that the acetyl derivative of "Sulphamezathine" is so soluble that its deposition in the urinary tract has not been reported.

Technical literature will be forwarded on request.

Powder : Bottles of 1 oz., 4 oz. and 1 lb.

Tablets : 0.5 gramme or 0.125 gramme — Bottles of 25, 100 and 500.

Obtainable through your usual supplier.



A Product of

IMPERIAL CHEMICAL [PHARMACEUTICALS] LT
Commercial Department, 89 OXFORD STREET, MANCHESTER

CROOKES' HALIBUT OIL



BIG NATIONAL ADVERTISING SCHEME COMMENCES SHORTLY

— ORDER STOCKS NOW!

RATIONING AND VITAMIN A

It can be anticipated that the demand for Crookes' Halibut Liver Oil this year will be greater than ever before.

Vitamins A and D are established as essentials to wartime dietary and extensive reminders of their value will be stressed in all advertisements in the National Press.

Owing to packing and other wartime difficulties, it is advisable to order your winter stocks as soon as possible. Our schedule of bonus parcels, as seen from the list, has not been altered.

TERMS OF SUPPLY

- 1 Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
- 2 The order must be accompanied by cash. No pro-forma invoices can be issued.
- 3 Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
- 4 Bonus in kind cannot be allowed on any other Halibut Oil Products.
- 5 We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.

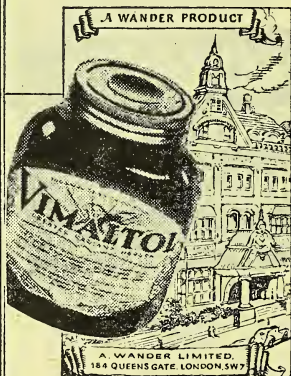


CROOKES' HALIBUT LIVER OIL Standard Parcels of Drops or Capsules only

PARCEL	DOZEN	Bonus	Sell	£ s. d.
12 x 15 c.c. 5/- Drops	1	5/-		3 0 0
Less 25%				15 0
.. 10%				2 5 0
*Amount of cash with order				4 6
				*£2 0 6
36 x 5 c.c. 2/- Drops	3	2/-		3 12 0
Less 25%				18 0
.. 10%				2 14 0
*Amount of cash with order				5 5
				*£2 8 7
12 x 30 c.c. 9/- Drops	1	9/-		5 8 0
Less 25%				1 7 0
.. 10%				4 1 0
*Amount of cash with order				8 1
				*£3 12 11
72 x 5 c.c. 2/- Drops	12	2/-		7 4 0
Less 25%				1 16 0
.. 10%				5 8 0
*Amount of cash with order				10 10
				*£4 17 2
12 x 100 Capsules	1	8/6		5 2 0
Less 25%				1 5 6
.. 10%				3 16 4
*Amount of cash with order				7 8
				*£3 8 10
36 x 100 Capsules	3	8/6		15 6 0
Less 25%				3 16 6
.. 10%				11 9 6
*Amount of cash with order				1 3 0
				*£10 6 6

E CROOKES LABORATORIES (British Colloids Ltd.) **PARK ROYAL, LONDON, N.W.10**
phone : Willesden 6313 (5 lines) Telegrams : Collosols, Harles, London

A Good Opportunity for Increased Sales



PHARMACISTS are now offered exceptional sales possibilities through 'Vimaltol.' This concentrated and economical vitamin food has a delightfully sweet orange flavour which all children love, and is a delicious alternative to malt and cod liver oil. In fact, 'Vimaltol' is as nice as the nicest jam.

The vitamins in 'Vimaltol' are supplied from specially prepared Malt Extract and Yeast, which is one of the richest natural sources of vitamin "B," together with Halibut Liver Oil fortified with additional vitamins.

'Vimaltol' thus possesses definite advantages for increasing strength and weight and fortifying the natural powers of resistance. It is a product of the highest quality, and its high concentration makes it very economical in use.

Widespread advertising of 'Vimaltol' coupled with its intrinsic merit, is creating a demand which you can turn to your advantage by ordering stocks now and displaying 'Vimaltol' prominently.

VIMALTOL

(VI-MALT-OL)
THE CONCENTRATED VITAMIN FOOD
FOR INFANTS, CHILDREN AND ADULTS
AT ALL SEASONS

On the **P.A.T.A.**

Wholesale Prices: 1-lb. jars **24/-**; 2-lb. jars **43/-**

Exempt from Purchase Tax.

Retail Prices: 1-lb. jars **2/10**; 2-lb. jars **5/2**

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So many
to-day rely
on
Cephos
Pronounced *See-foss* REGD
THE
PHYSICIANS'
REMEDY

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are no longer packed in 1/3 cartons
but are supplied loose from the
larger pack.

8 Powders or 16 Tablets, 1/3
21 "Single" Dose, 2d. 3/-

CEPHOS LTD., BLACKBURN

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Increasing demand for SEROCALCIN

Regular advertisements are now appearing in
the National Press and a greatly increased
demand for Serocalcin is inevitable

Ample stocks are available now, and Chemists
are urged to stock up before the position changes

Do not disappoint your customers. **ORDER NOW**

SEROCALCIN PREVENTS COLDS

HARWOODS LABORATORIES LTD. WATFORD HERTS

Watford 4457

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Prevention is better than cure

The common cold is a source of danger. Coughs and sneezes spread diseases and lower the vitality of the Nation. Our National advertising stresses the efficacy of Penetrol Inhalant in the prevention of infection, and emphasises the importance of everyone keeping fighting fit.

A Penetrol display on your counter will ensure you getting your share of the public demand for this well-known proprietary.



W. B. CARTWRIGHT LTD.
RAWDON :: LEEDS



"I know it is difficult"

**RENDELLS
SILATEX
SANTRON
MENSINOLE**

Your customers continually ask for **SILATEX** and **SANTRON** and yet you cannot obtain sufficient supplies to meet the demand. We are doing our best to arrange distribution to wholesalers so that all Chemists obtain their fair share. The demand is ever increasing but the shortage of raw material is a matter we know you will understand.

There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.

Special Chemists' Display Material is still available, so write to-day for a supply.

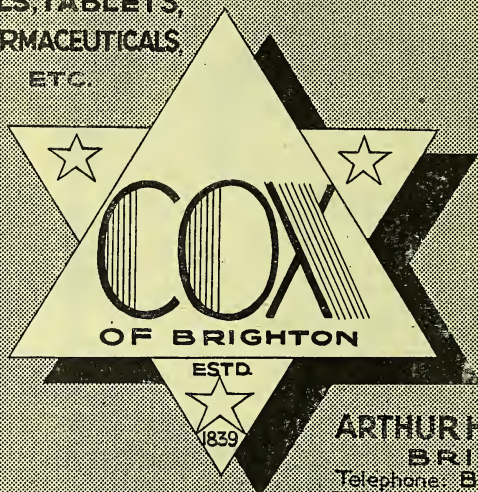
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P.A.T.A.

For Feminine Hygiene

W J RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1

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Telegrams: COX, BRIGHTON

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Windowed Face Powder Boxes, Circular and Sprinkler Talcum Powder Boxes, Embossed Stock Perfumery Labels. Attractive designs. Minimum, 250 of a type. Also Shampoo Envelopes. Price Lists, 3d.

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Utility Lighters, Sanitary Towels.

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INCREASE YOUR SALES—PROTECT YOUR PROFITS

BRICCAS

FRAGRANT TONIC **VANISHING CREAM**
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6 shades packed in colourful boxes and powder-proof bags. RACHELLE, NATURAL, PEACH, OCHRE ROSE, ROSETAN, CREOLE. Your Orders for this Nationally Advertised Complexion Powder can be executed promptly.



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TERMS:

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ORDERS WITH
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Trade Price List available on application



All Technical Enquiries should be addressed to:

C. WALKER, SANDOZ PRODUCTS

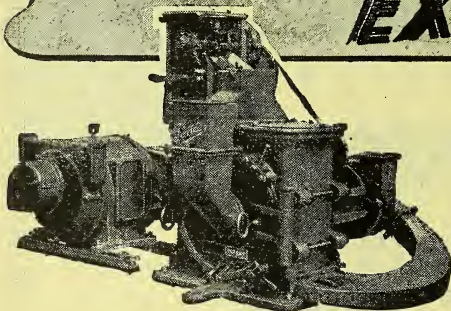
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TONIC**

because you will be repeatedly asked for it. Rabbit-breeding is to-day a nation-wide industry and good breeding animals have a very high market value. The owners naturally desire to keep the stock in first-class condition, so they will ask for
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Wholesale Price: 15/- per doz, plus 16½ p cent. Purchase Tax. Carriage PAID. Net 30 days' account.

From your usual Wholesaler or direct from the manufacturers:—

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Russell Chambers, Merrion Street, LEEDS.

Telephone: Leeds 23262

RETAILERS! PROTECT YOUR FUTURE

INDEPENDENT shopkeepers and dairymen are in danger. Thousands have been forced out of business by the war. Thousands more face extinction by the Monopolies, the Chain Stores, and the Co-operative Movement. The war has created hardship and worse for all of them.

Action, immediate and effective, is vital if the small retailer is to survive.

The Council of Retail Distributors, a war-time organisation, has been formed and will shortly hold its first national conference in London.

The Council will sustain all existing shopkeepers' and dairymen's organisations in a great campaign against the disabilities from which retail distributors now suffer. The purpose of the national conference is to plan that campaign.

The following Societies will be represented:

- Bespoke Tailors' Guild
 - National Association of Shoe Repair Factories
 - National Caterers' Federation
 - National Federation of Boot Trades Associations
 - National Federation of Fishmongers
 - National Federation of Milk Producer-Retailers
 - National Fruit Federation
 - National Pharmaceutical Union
 - National Traders' Association
 - National Union of Retail Confectioners
 - National Union of Retail Tobacconists
 - Scottish Chamber of Trade
 - Scottish Grocers' Federation,
- and twenty-five other representative organisations.

All Shopkeepers' organisations are invited to attend the National Conference, and secretaries of such bodies are invited to nominate their delegates and write at once to Collingwood Hughes, Organising Secretary, Council of Retail Distributors, 23 Farringdon Avenue, London, E.C.4. Telephone: Central 1817.



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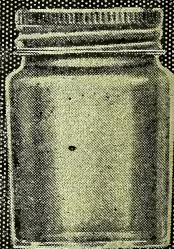
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Service



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OF EXCELLENT QUALITY BACKED UP
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WHOLESALE ONLY

Restrictions outside our control, may not allow us to meet every requirement


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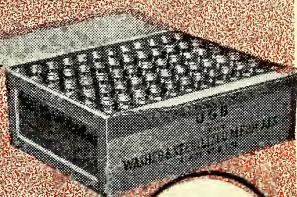
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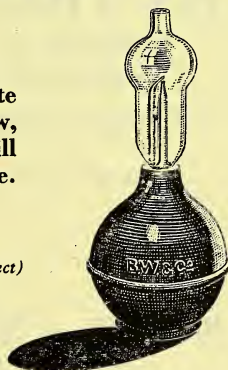
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NEWS OF THE WEEK

Coal Tar Order.—The Minister of Fuel Power has made the Control of Coal Order, 1943 (S. R. & O., 1943, No. 1356), which is in force, except for certain parts which became operative on the making of an Order on September 17, from October 1. The new Order is substantially the same as the No. 2 Order issued in 1942.

Winter Hours of Shops.—An announcement from the Home Office states that the Licence Regulation governing the winter trading hours of shops throughout the country will be in force from November 7 until March 4, 1944. Shops other than exempted trades will be required to close at 5 p.m. on ordinary nights and 7.30 p.m. on the late night. In the Central London area the corresponding hour will be 4 p.m., without any provision for a late night.

Factory Training Facilities.—The Ministry of Labour has made available certain facilities for training factory staffs, and has outlined them in a leaflet (P. L. 10/1943), copies of which are available at local offices of the Ministry of Labour. Employers are urged to review the training

arrangements in their own factories and if necessary to take steps to improve them. The facilities outlined in the leaflet include supply of a manual on staff training, opportunities for selected managerial representatives to visit Government training centres, and for technical officers of the Ministry to visit factories, advising on individual needs.

Statutory Committee.—A meeting of the Statutory Committee of the Pharmaceutical Society will take place at 36 York Place, Edinburgh, at 11 a.m. on October 13, to consider information and evidence from which it appears that (1) a person whose name has been removed from the register under subsection (4) of Section I of the Pharmacy and Poisons Act, 1933, and who has now applied for restoration, was, after the removal of his name, convicted of procuring abortion; and (2) a member of the Society was under the influence of drink or drugs to such an extent as to be incapable of properly carrying on his business. The inquiries will open in public and will remain open to the public unless the Committee directs otherwise.

PARLIAMENTARY NEWS

Cost of Retail Distribution.—Captain Waterhouse replied to a question by Mr. Parker, on September 22, that the Retail Trade Committee had reported on certain aspects of retail trade, and that retail distribution costs were the subject of constant reviews by the Central Price Regulation Committee. A Departmental Committee or Royal Commission to inquire into the costs and methods of retail distribution generally, with special reference to the small trader, would not be justified.

Olive Oil Imports.—Sir W. Davidson, on September 22, asked the Parliamentary Secretary to the Ministry of Food whether, in allocating shipping space in vessels sailing from Portugal, he would consider providing space for the supply of olive oil, which was practically unobtainable in this country. Mr. Mabane replied that the suggestion was impracticable, as Portugal was herself short of oils and fats and had no exportable surplus, while the Spanish Government had prohibited the export of olive oil from Spain.

Penicillin Economy.—Sir E. Graham-Little asked the Prime Minister on September 23 whether attention had been directed to the Bunyan-Stannard envelope method of treatment of war wounds, details of which had been submitted to him, and the extended use of which would largely avert the need to administer penicillin, now in short supply. The Prime Minister replied that the method was, of course, only one of several lines of treatment recommended. Constant contact was maintained with up-to-date medical practice, and instructions on the immediate treatment of wounds were amended as necessary.

Slum Conditions in Factories.—Mr. Craven-Ellis asked the Minister of Health on September 21 whether the Ministry possessed up-to-date records of the extent of slum conditions in commercial buildings, warehouses, works, and factories, and whether such properties would be dealt with in a similar way to slum dwellings. Miss Horsbrugh, for the Minister, replied that the conditions in such buildings were not the responsibility of the Minister of Health. Under the Housing Act, 1936, a local authority could include in a clearance area buildings other than houses.

Propaganda for Vitamins.—Mr. Duckworth asked the Parliamentary Secretary to the Ministry of Food on September 23 whether, following the public's failure to take advantage of the vitamins scheme for

children, he would put large notices in provision shops and public houses urging mothers to purchase those vitamins for the sake of their children's health. Mr. Mabane replied that the Minister was eager to take every practicable step to encourage mothers to purchase the foods available under the scheme. Posters were provided for display in Food Offices, Maternity and Child Welfare Clinics, Welfare Centres, and Family Advisory Centres. Their use would be extended so far as the paper situation permitted, and other additional publicity was being arranged.

Post-war Trade Representation Overseas.—Mr. Mainwaring asked the Secretary to the Overseas Trade Department on September 21 what changes were contemplated in the overseas trade representation of Britain with a view to developing trade with other countries at the end of the war, and of advising and assisting manufacturers at home. Mr. Johnstone replied that, by the terms of the Foreign Service Order in Council, dated May 20, members of the Commercial Diplomatic and Consular Services now formed part of His Majesty's Foreign Service. The Foreign Secretary and the President of the Board of Trade had also agreed upon arrangements that would, in the future, allow a greater degree of interchangeability between members of the Foreign and Trade Services.

White Paper on Health Service.—Sir E. Graham-Little asked the Minister of Health on September 22 whether, in his forthcoming White Paper, he would explain that the scope of the discussion he had been conducting with a committee of certain professional organisations under future medical practice had been limited throughout by the requirement that negotiations must be based on acceptance of a Cabinet decision in favour of a universal health service, covering 100 per cent. of the population, with local administration in the hands of local authorities under the ultimate control of a minister responsible to Parliament. Mr. Ernest Brown replied that, while he could not accept all the implications of the question, he agreed that the proposed White Paper should make clear what preliminary steps had been taken and in what circumstances. Mr. Brown informed Mr. McNeil, on the following day, that he was not yet in a position to say when the White Paper on the reorganisation of health services would be published.

TOPICAL REFLECTIONS

Income Tax on Salaries

ter emphasising, with a persistence estive of obstinacy, the difficulties of -by-week collection of income tax from -earners, the authorities have at last their heads together and drawn up a e Paper (p. 337) showing how the ction can be effectively carried out. ne doubts that the Treasury stands o substantially by the elimination of bad s of the kind experienced after the war 14-18. So far, tax-gatherers and tax-rs are at one in their satisfaction—and ed not add to what your editorial article ll expresses on this point. It is whole- e, surely, that in a democratic staté yone should be liable for income tax ss reason to the contrary is shown; the ity is an excellent method of pressing s the fact that everyone has a stake ne country. What is to prevent the nsion of the new system, or something, ogous, to members of staffs who are monthly? They would gain, just as y as weekly wage-earners, by being freed t the incubus of arrears of income tax. e common knowledge that few, if any, em are better placed financially than e outside the ranks of the "black- ed." Looking back over many years, ecally cases of friends who expected rring periods of financial stringency as tter of course, and almost as a law of e are against which no foresight could e much avail. Dividends are ordinarily ect to a deduction for income tax at the ce; why should not all income be ted on similar lines?

Factors of Health

he Ministry of Health Summary Report he year ended March 31, 1943 (pp. 333,), is excellent so far as it goes. It may however, that here, as in other spheres, e has told a flattering tale; and a word caution may not be amiss. As is pointed e there is no simple method of measuring health of the nation. On the Ministry's showing, "minor and short-term ss" has increased of late: it remains e discovered what this feature of war e life will eventually involve. The stress arious personal factors, of which these or and short-term illnesses are probably ndex; may prove to be an impediment ound health; and may take some years e reach its culmination. Among factors his kind I include overwork, emergency e, the recurring threat of danger to life

and property, and the loss of valued friends. Without question the stamina of our race is able to withstand these tests to a high degree: the other day I read an illustration of this truth in the title of a new war picture, "Camden Town Kids Don't Cry—Cockney Stoic." But though this is so, the stress of the factors instanced goes deep. After the war the medical profession may have to deal with many cases of obscure origin, not only cases of asthenia but also others with a syndrome puzzling even to experienced practitioners. It seems likely that we shall have to keep ourselves mentally taut for quite a lengthy period after the first stage of victory is reached, lest we relax into easy-going habits prematurely. An improved physical development among Glasgow children was recently recorded by Sir John Orr. Full employment of the parents may have contributed to this.

Hair Oils

Your advice against the use of rape oil for the hair (p. 348) prompts the hope that it has never been adopted by chemists as a capillary dressing. In days when hair oil and peppermint lozenges supplied the prevailing odour at village church services, the oil was normally, in my experience, made with a basis of olive oil. Some pharmacies had two grades of this commodity, with different blends of perfume; each had its allotted measure, never used for anything else. The section on this subject in Beasley's "Druggist's General Receipt Book," fifth edition (1861), extends to more than two pages. The basis of these oils was then almond oil, olive oil, or oil of ben. The last-named was obtained from the seeds of *Moringa pterygosperma*; it had been known in this country since the sixteenth century, but I am not aware that it survived for this purpose to the late Victorian period. Beasley gave the old methods of extracting perfume by infusing flowers in oil or by laying them between folds of cloth moistened by oil. Some of his recipes included expensive ingredients such as musk and ambergris. For "common" purposes a drachm of any essential oil sufficed to mix with $\frac{3}{4}$ xvj. of basis: other recipes, he added, "direct as much as $1\frac{1}{2}$ oz. or 2 oz." Considerable variety in the types and proportions of the perfumes was provided for. Chemists with a distinguished *clientèle* could avail themselves of mixtures with such high-sounding names as Huile Philcome d'Aubril—presumably not sold by the ounce. **Xrayser**

LEGAL REPORTS

Heavy Fines for Machinery Offences.—Penalties amounting to £837 in fines and costs were inflicted at Clerkenwell Police Court, on October 1, against defendants charged by the Board of Trade and Ministry of Supply with selling or buying machinery without licences, or with contravention of the Iron and Steel Order (see *C. & D.*, October 2, p. 328). Robin Gordon Mack and George Rogers, directors of the Alite Patent Machine Co., Ltd., were each fined a total of £225 and £94 10s. costs for supplying Alite filling and Alite sifting and mixing machines without Board of Trade licences. Amy Rose was fined £30 and £15 15s. costs for acquiring machines from the company without licences; Isaac Levin, £10 and £5 5s. costs; and F. J. Patel, trading as Camp Suppliers, £20 and £10 10s. costs on similar charges. On summonses of obtaining iron and steel without authorisation the Alite Patent Machine Co., Ltd., was fined £75 and £31 10s. costs. The magistrate said that he had gone into the question of minimum penalties in accordance with the provisions of the Regulations, but had come to the conclusion that the profit made on the machines had not been proved to him and that he could not assess penalties on that basis.

An Unusual Sentence.—At Wolverhampton Police Court, recently, Arthur Ernest Marlow, M.P.S., 172 Owen Road, Wolverhampton, was summoned for selling a box of white precipitate ointment not of the nature, substance and quality demanded. The prosecuting solicitor said a woman agent went to one of Mr. Marlow's shops and asked for 2s. worth of precipitate ointment. She was served with a dilute ointment which, on analysis, was found to contain 0.73 per cent. of ammoniated mercury, instead of the 5 per cent. demanded. The defence argued that other chemists besides Mr. Marlow advised a dilute ointment when people asked for it. The ointment was poisonous and, when applied to children's heads, involved a risk that they might touch the heads and then put their fingers into their mouths. The manufacturers of the ointment had written to say that a mistake must have been made. The dilute standard contained 2.5 per cent. of ammoniated mercury, whereas the jar sent to Mr. Marlow contained only 0.73 per cent.; this might have been ordered by a doctor for a special prescription. The Stipendiary said that Mr. Marlow was responsible for what happened in his shop but, having

regard to his long unbroken record, unusual course would be taken of binding him over for twelve months on payment of £4 19s. costs.

Costs for Defendants.—Before the county magistrates at Coventry, on October 1, chairman terminated the proceedings with a statement that the prosecution had made out its case against Windsor Works Ltd., distributing chemists, 68 Venn Street, London, S.W.4, and Cuxson, Gerrard & Co., Ltd., manufacturing chemists, Fountain Lane, Oldbury, Birmingham, on charges under the Food and Drugs Act, 1938. The case concerned the sale of zinc-oxide adhesive plaster, which was alleged to have been not of the quality demanded. R. M. Willis, for the Warwickshire County Council, said a sample purchased from a retailer at Exhall was found, when analysed, to contain 10.5 per cent. of zinc oxide against a minimum content of 20 per cent. laid down in the British Pharmacopoeia Codex. The Windsor Works company, protected by Section 83 of the Food and Drugs Act, which provided for those who merely bought and sold goods as they received them. Mr. R. N. D. Walker, Messrs. Cuxson, Gerrard, submitted that the public analyst responsible had misinterpreted the wording of the Codex, and the result that his analysis was incorrect as to the percentage content of zinc oxide. The correct interpretation of the Codex formula was that the sample of zinc-oxide adhesive plaster must be considered for the spread alone, and not include the cotton and rubber upon which the spread had been laid. Mr. Henry Hindley (a director of Cuxson, Gerrard & Co., Ltd., and the company's chief chemist for twenty-eight years) said the company's plaster has always been prepared with rather more than 20 per cent. of zinc oxide and never less. The firm had been founded in 1885 and this was the first time any proceedings had been taken against it. The chairman said the Bench considered the prosecution had been brought in good faith, but as two firms concerned had been put to considerable expense Windsor Works, Ltd., would be allowed £10 10s. costs, and Cuxson, Gerrard & Co., Ltd., £5 5s.

Sack the Lot!—Admiral Fisher made a famous comment on a particular occasion but he wasn't referring to waste paper. Still, "sack the lot" and send it along for salvage.

MARRIAGES

BIRCHALL—WASSERVOGEL.—At Nottingham on September 20, Sydney Birchall, 6, 827 Mansfield Road, Nottingham, and Wasservogel, Leeds.

HODGERS—WALSH.—At the Pro-Cathedral, Dublin, recently, Mr. John Rodgers, M.B., 12 Griffith Place, Waterford, to Walsh, Youghal, co. Cork.

DEATHS

ANTHONY.—At Stratton St. Margaret's Hospital, Swindon, on September 25, Mr. Thomas Anthony, Ph.C., 86 Hythe Road, Swindon. Mr. Anthony qualified in 1890 and passed the Pharmaceutical Chemist examination in the following year.

BILSON.—On September 22, Mr. F. E. Bilson, Ph.C., 33 Lonsdale Road, Bournemouth, aged eighty-four. Mr. Bilson had a distinguished career in pharmacy. He served his apprenticeship at Newark, joined in 1880, and passed the Major examination of the Pharmaceutical Society in 1881. After five years in the historic pharmacy (not now in existence) of John & Co., 225 Oxford Street, London, W.1, he opened the pharmacy at 1 Lansdowne, Bournemouth, which he personally conducted without interruption until within weeks of his death. He was a founder-member of the Bournemouth Pharmaceutical Association, its first secretary, and its president, as well as chairman of the local branch of the Pharmaceutical Society from its formation in 1922. He was the first president of the Hants Pharmacists' Association, and became a member of the Council of the Pharmaceutical Society in 1917, serving the Society in the offices of Treasurer (1918-25), vice-president (1925), president (1926) before retiring from Council in 1932. From the time of the opening of the National Health Insurance in 1911—and from even earlier, since he was present at a meeting of the provisional committee in 1912—until his death, Bilson was a member of the Bournemouth Insurance Committee, of which he was chairman, 1919-21. He served as chairman of the sanatorium benefit subcommittee for seven years, and of the local benefit subcommittee from 1929 until his death. On the technical side he was known as the designer of a formula for glyco-gelatin pastilles. His widow, Mr. Bilson is survived by two daughters and a son (Pilot-Officer F. W. Bilson, M.P.S.).

COX.—Recently, Mr. Arthur John Cox, M.P.S., Union Street, Wednesbury, Staffs, aged twenty-six.

FIELDING.—Recently, Mr. F. C. Fielding, brother of Mr. P. J. Fielding, M.P.S.I., Cork.

MANSFIELD.—Pilot-Officer Gerald John and Sub-Lieutenant Gordon Sydney Mansfield, sons of Mr. S. R. Mansfield (a director of Polak & Schwarz (England), Ltd.). Pilot-Officer Mansfield, R.A.F.V.R., was killed in a flying accident in Canada in August, aged twenty. After leaving school he studied chemistry at Christ's College, Cambridge, and joined the Cambridge University Air Squadron in 1941, whilst at the University. He obtained his "wings" and commission in July this year in Canada. Sub-Lieutenant Gordon Sydney Mansfield, R.N.V.R., was killed at sea in 1942, aged twenty-one, while serving on an aircraft carrier. He was educated at Chigwell School, Essex, and completed his education in Holland, where he spent some time in the laboratories and factories of Messrs. Polak & Schwarz.

THOMPSON.—On September 21, Mr. John Cooke Thompson, M.P.S., 102 Marton Road, Middlesbrough, aged seventy-three. Mr. Thompson was one of the founders of the Tees-side Chemists' Association, and had been in business in Middlesbrough for forty-five years. His two sons succeed him in the business.

PERSONALITIES

MAJOR W. E. WOOLLEY, M.P., M.P.S., Blackburn, has been appointed Parliamentary Private Secretary to the Minister of Health.

MR. A. LEONARD HIGGS has been elected a member of the Kingston-on-Thames Town Council. Mr. Higgs is a director of Alfred Higgs, Ltd., a pharmaceutical business founded by his father, the late Alderman Alfred Higgs, in Richmond Road, Kingston. Alderman Higgs was himself prominent in local affairs as well as a noted figure in pharmaceutical politics.

MISS A. BENDING, who recently retired after forty-six years' service with Brook, Parker & Co., Ltd., manufacturing chemists, Bradford, was on September 30 presented with a cheque on behalf of the firm by Mr. T. Brook Parker (managing director). Mrs. Donald presented a pair of silver candlesticks from the employees. Miss Bending has been a director of the firm since 1936 and its cashier since 1901.

TRADE NOTES

Council of Retail Distributors.—An announcement, sponsored by the London "Daily Express," appears elsewhere in this issue, appealing to independent shopkeepers to support a recently-formed Council of Retail Distributors, which will shortly hold its first national conference in London.

Rabbit Condition Powder.—Chilva Laboratories, Ltd., Russell Chambers, Merriam Street, Leeds, 2, point out that rabbit breeding is today a nation-wide industry, and that Rabex rabbit condition powder and tonic are therefore likely to have a wide sale among owners of good stock.

Nicotinamide in Diabetes.—Ward, Blenkinsop & Co., Ltd., Brooklands, Halewood, Liverpool, write to point out that the investigations on carbohydrate tolerance reported on by Dr. Neuwahl (*C. & D.*, September 25, p. 322) were carried out with material supplied by the company; the preparation eventually adopted was nicotinic acid amide in enteric-coated tablets.

Soluble Eye-lotion Tablet.—British Schering, Ltd., 185-90 High Holborn, London, W.C.1, draw the attention of chemists to an important addition to the Albuclid range of specialities. This is an Albuclid soluble eye-lotion tablet, which dissolves readily in 10 mls of water to form a 2½ per cent. solution of Albuclid soluble isotonic with the tear and having a pH of 7.4. The product is issued in tubes of twelve and boxes of 250 tablets.

Gonad-stimulating Preparation.—Parke, Davis & Co., Beak Street, Regent Street, London, W.1, have introduced Synapoidin, a balanced, highly potent gonadotrophic preparation issued in 10-c.c. vials for intramuscular injection. Synapoidin is a combination of the follicle-stimulating principle extracted from the anterior lobe of the pituitary gland and the luteinising hormone from human pregnancy urine. In animals the combined hormones have a gonad-stimulating effect several times greater than the components administered separately.

Business Changes

TOZER, KEMSLEY & MILLBOURN, LTD., export and import merchants, have returned to 84 Fenchurch Street, London, E.C.3.

MR. J. E. BLACKWELL, M.P.S., formerly general sales manager of Genatosan, Ltd., has become a partner in Ernest J. George & Co., chemists' valuers, London and Walsall.

ASCOTTS PHARMACIES (1933), LTD., purchased the business of Woodl Chemists, Ltd., 37-38 Coventry Street, London, W.1. The business will be carried on under the title of Ascotts Pharmacy (1933), Ltd.

Proprietary Articles Trade Association

Additions to Protected List.—*Clinical ducts, Ltd.* Oranyeast, 18s. doz., tax 3s. inclusive retail price, 2s. 3d. Complanax will in future be distributed by Clinical Products, and not by Scott & Bowne, Ltd.

Alterations.—*Anzora Perfumery Co.,* Retailers are allowed a discount of 5 per cent. on orders value 20s., instead of 30s. as formerly. Other terms are unchanged, and the revision does not apply to Eire.

Baker's Medicine Co., Ltd. Baker's back pellets: The special prices of 11s. 6d. and 12s. 6d. respectively to retailers ordering lots, assorted or otherwise, cash with order withdrawn.

Bourjois, Ltd. Rouge de theatre, No. 55. doz., tax 5s. doz., i.r.p. 1s.

H. W. Carter & Co., Ltd. Ribena blackcurrant syrup, 13½-oz., 2s. 3d.; 21s. 6d. doz. (exclusive of tax).

Coty (England), Ltd. Manufacturers recently issued a new price list applicable to all goods delivered after September 1. Do not on application.

Dearborn (1923), Ltd. Manufacturers state that only the following list of products are being marketed: Clynol berries for oboes, 32s. doz.; tax 5s. 4d. doz.; i.r.p., 4s. Colliandum (face tint), 22s. 6d. doz., 22s. 6d. doz., i.r.p. 4s. 4½d. Refill for Colliandum Solide, 13s. 6d. doz., tax 13s. 6d. doz., 2s. 7½d. Mercolized wax, 16s. doz., tax 16s. i.r.p. 3s. 4d. Pileta complexion soap, 10s. doz., tax 3s. 4d. doz., i.r.p. 1s. 4d. Sip depilatory, 18s. doz., tax 18s. doz., i.r.p. 3s. Stallax shampoo, 13s. 6d. doz., tax 4s. 6d. i.r.p. 1s. 10½d. Foundation cream, 10s. tax 10s. doz., i.r.p. 2s. 1d. Additional 10 per cent. to retailers on £3 orders withdrawn.

R. Demuth, Ltd. Company's current prices are as follows: Frozoclon, small green bottle, 16s. doz., tax 16s. doz., i.r.p. 3s. 4d. Car nail-polish paste, 1s. 9d., 14s. doz., tax 14s. i.r.p. 2s. 11d. Spic liquid deodorant, 1-oz., tax 4s. doz., i.r.p. 1s. 10d.; 2-oz., 20s. tax 6s. 8d. doz., i.r.p. 3s. 1d. Spic soap shampoo powder 4s., tax 1s. 4d. doz., i.r.p. 1s.

J. Grossmith & Son, Ltd. Old Cottage leather face-powder, No. 071, Gardenia face-powder, No. 7G, Freesia face-powder, No. 18s. doz., tax 18s. doz., i.r.p. 3s. 9d.

W. J. Rendell, Ltd. Santron, 4-oz., 8s. doz., tax 1s. 6d. doz., i.r.p. 1s. 1½d., 16-oz. doz., tax 3s. doz., i.r.p. 2s. 9d.

Sangee Products Co. Name of company has been changed to Bak Laboratories.

COMPANY NEWS

THOMAS SWALES (LEEDS), LTD. (P.C.).—Capital £5,000. To acquire the business of Thomas Swales, chemists' sundriesman, and on by the late Mr. Thomas Swales. Stephen's Road, Leeds, 9 (R.O.). Edward Swales, Helen E. Swales, B. D. Todd, T. Boyes, and J. H. Bull, A.C.A., A.S.A.A., directors.

PRENTICE (LONDON), LTD. (P.C.).—Capital £5,000. To acquire the business of wholesale dealer in chemical and dye products and manufacturer of chemical products carried on as Creighton (Agencies) at Queen's Parade, Muswell Hill, by O. Nieder. Cecil O. Nieder and John M.P.S., directors. R.O.: 3 The Range, Muswell Hill, London, N.

PRO, LTD.—Directors recommend a dividend on the ordinary stock of 10 per cent., making 25 per cent. for the (same as last year).

THE BRITISH DRUG HOUSES, LTD.—Mr. Alexander Hill, who has been chairman and managing director of the company since its inception on January 1, 1931, resigned from those positions as from September 30. Dr. F. H. Carr, C.B.E., F.R.C.S., F.I.C., has been elected chairman. Mr. F. C. Oscar Shaw has been appointed managing director.

THE WELLCOME FOUNDATION, LTD.—C. G. Oakes, a director of The Wellcome Foundation, Ltd., has accepted an invitation by the board to assume responsibility for the Foundation's interests in the Pacific (Australia, New Zealand, China, Dutch East Indies, etc.) and for this purpose to take over the managing directorship of Woughs Wellcome & Co. (Australia). It is expected he will leave England to take up his headquarters in Sydney at the end of the year.

C. & D. QUIZ NO. 12

1. What is extractum bynes?
2. What is volatile liniment?
3. What pharmacist was gentleman of the chamber to King William IV?
4. What is Ward's paste?
5. What is white bole?
6. What town much in the news had a famous medical school?
7. What is Persian balsam?
8. What is Oleum Stoechadis?
9. What is Neapolitan ointment?
10. What is Balsam of Life?

(Answers on p. 371)

MEDICINE ADVERTISEMENTS

THE Newspaper Proprietors' Association has adopted the following rules to control advertisements of proprietary medicines:—

1. No advertisement will be accepted by the newspapers represented in the N.P.A. which offers for sale to the public any medicine or treatment which is directly, or by implication, held out in terms calculated to lead to the belief that the medicine is effective in—

(a) The treatment of Bright's disease, cancer, tuberculosis or consumption, diabetes, epilepsy, fits, locomotor ataxy, cataract, glaucoma, disseminated sclerosis, osteoarthritis, spinal, cerebral and venereal diseases, lupus or paralysis, or for preventing any of these ailments, or for producing any beneficial effect with respect to the course of any of those ailments.

(b) For the cure of amenorrhoea, hernia, blindness, rheumatoid arthritis, or any structural or organic ailment of the auditory system.

(c) For procuring the miscarriage of women.

(d) For the treatment of habits associated with sexual indulgence or of any ailment associated with those habits.

2. No advertisement will be accepted from an advertiser who, by printed matter, orally, or in his advertisement, undertakes:

(a) To diagnose by correspondence diseased conditions or any particular diseased conditions in a human being, or to receive from any person a statement of his or any other person's symptoms of ill-health with a view to advising as to, or providing for the treatment of such ill-health by correspondence, or—

(b) To treat by correspondence any of the ailments specified in section 1 above.

3. No advertisement will be inserted containing a testimonial other than one limited to the actual views of the writer, nor any testimonial given by a doctor other than a recognised British medical practitioner unless it is manifest that the writer is not a British doctor of medicine.

4. No advertisement will be accepted containing illustrations which are distorted or exaggerated in such a manner as to convey false impressions.

5. No advertisement will be accepted which, in any way, may lead persons to believe that the product recommended emanates from any hospital or official source, or is other than a proprietary medicine advertised by a particular manufacturer for the purpose specified, unless the advertising agent submitting the copy declares that the authority of such hospital or official source had been duly obtained.

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held in London on September 28 and 29. Mr. T. Heseltine in the chair. THE CHAIRMAN presented Mr. J. Evans with the past-chairman's jewel, and thanked him for his services during his term of office as chairman. MR. EVANS replied thanking the Executive for the kindness they had always extended to him in the past and, on account of his retiring from business, he tendered his resignation from the Executive, in accordance with the rules, as from the end of his current year of membership. This was received with regret. As Mr. Evans' resignation would become effective during the currency of the triennial elections, it was resolved that the vacancy caused thereby should be filled by election in the normal way.

Deputation to Minister of Health

A report on a deputation to the Minister of Health on August 26, in connexion with the proposed national medical service, was presented by THE CHAIRMAN, who called upon MR. MELHUSH and THE SECRETARY to amplify his remarks.

Council of Distributive Traders

THE SECRETARY reported that an invitation had been received to appoint representatives to a Council of Retail Distributive Traders; this was accepted, and the chairman and vice-chairman, together with the secretary and Mr. Noble, were appointed to attend the inaugural meeting.

A special subcommittee was appointed to consider possible post-war developments of the Union's business-services departments.

Correspondence that had passed between the Union and the Proprietary Articles Trade Association, relating to the latter's policy, was received. It was resolved to take no action until the P.A.T.A. Executive had considered the secretary's letter dated August 24.

Local Organisation

The Executive received a report of a meeting of the special local organisations subcommittee held on September 22, and resolved that the report should be further considered at the next meeting of the Executive. In the meantime the local organisations officer was instructed to arrange a district meeting in each of the sixteen electoral divisions of the Union between

November 1, 1943, and March 31, 1944. It was also resolved that preparations should be made to hold a full conference of the Pharmaceutical Committees and Branches of the N.P.U. as soon as the White Paper on the Government's proposals for a national medical service had been issued.

It was resolved that the triennial election of the Executive Committee should be held early in 1944.

Joint Industrial Council

THE SECRETARY reported upon a meeting with Ministry of Labour officials on September 24, at which the draft constitution of a proposed Joint Industrial Council for the pharmacy had been discussed. It was resolved that the salient points of the constitution should be circulated to branches for their consideration.

War Funds

THE SECRETARY reported that two claims upon the Air-raid Mutual Assistance Fund had been notified since the previous meeting of the Executive, and a claim in hand at that time had now been completed. Renewal notices advising subscribers that their subscription was due for renewal on September 29 had been circulated. Since their previous meeting payment of war maintenance allowances under the Distress Fund had ceased in two cases: total of £24.169 had been subscribed to date.

Other matters dealt with by the Executive included N.P.U. representation on the Central Pharmaceutical War Committee and payment of district pharmaceutical committee expenses.

Chemists' Defence Association

An unusual feature of the claims reported to the directors of the Chemists' Defence Association as having been settled was that almost all arose out of incidents associated with shops but not peculiar to pharmacies; thus, settlement payments had been made in respect of claims for personal injury caused by a falling sign (£76); slamming door (£8 8s.); sunblind accident (£20); defective shop front (£20); and severe damage to articles of clothing. There were also claims arising out of the death of a cow (settlement £45); and out of supply of a caustic instead of a styptic pencil (settlement £10). THE SECRETARY reported developments in outstanding claims and these were left in his hands for attention as opportunity arose.

PHARMACEUTICAL CORPS

Pharmaceutical Corps held its first annual meeting in London on September 27.

L. HAYWARD (commandant of the Corps) said the main function of the evening was to distribute prizes to members who distinguished themselves in the examinations held in May, and to issue certificates to other members who had passed the examinations. The classes had met for over six months on two evenings a week. He presented the first prize in anatomy and physiology, awarded through the generosity of Sir Harry Hague (A. Wander, Esq.), to Mr. John Howard Spencer: The prize in first aid, given by Maw, Son & Co., Ltd., went to Mr. John Ronald Jenkins. The prize for general proficiency, presented by British Drug Houses, Ltd., went to Miss E. Schneiderman.

Business and Programme

MR. J. ROSS-MANSELL (adjutant and director of training) explained the difficulties that had been overcome and remained to be overcome before the Corps became the national organisation it had always been intended to be. He said a letter had been sent to the Council of the Pharmaceutical Society requesting a statement of the Council's attitude towards the Corps, and that a decision would be made known to the members when it was received. A letter from the Minister of Home Security was in which he stated that "pharmacists render the country the greatest service in the field of first aid."

Appeal for Funds

MR. J. H. SPENCER extolled the value of training he had received, and said that the Corps was the finest thing that could ever happen in pharmacy. Its work in training pharmacists actively interested in their organisations could not be overestimated. MR. A. R. CROSS (assistant commandant) thanked Messrs. Hayward and Ross-Mansell for the high standard of training and examinations. MR. T. C. WILLE BOOTH (quartermaster) brought the meeting to a close by appealing for financial help. The Corps was unable to execute its full programme of activity unless funds and well-wishers assisted. There were requests from all over the country for meetings to be held and for classes to be organised, and this needed money. He hoped members would, by means of an annual subscription of 10s. 6d., enable the Corps to develop.

Forthcoming Classes

Classes for Corps members commence on Tuesday, October 19, at the Hospital for Women, Soho Square, London, W.1, at 7.45 p.m. Lectures will be given on anatomy and physiology, followed by practical first aid, and the class will meet once a week only. Arrangements have been made for members who have passed the examinations to attend practical first-aid classes one evening a week commencing Friday, October 22. Inquiries should be sent to the Corps office.

COMING EVENTS

Sunday, October 10

LIVERPOOL BRANCH, CATHOLIC PHARMACEUTICAL GUILD, Cathedral Buildings, 152 Brownlow Hill, Liverpool, at 3 p.m. Monthly meeting.

MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble, Hathersage to Miller's Dale. Meet Central Station at 8.30 a.m. Book Hathersage single. Carry lunch.

Monday, October 11

EDGWARE DIVISION, NORTH LONDON PHARMACEUTICAL ASSOCIATION, Brill's Restaurant, 206 Station Road, Edgware, at 7.30 p.m. Mr. T. E. Wallis, D.Sc., on "The House Fly."

Tuesday, October 12

MANCHESTER PHARMACEUTICAL ASSOCIATION AND BRANCHES, Onward Hall, Deansgate, Manchester, at 7.45 p.m. Mr. R. H. Kemp, Ph.C. (secretary, Chemists' Friends Association), on "Proprietary Medicines and the Future of Pharmacy."

Wednesday, October 13

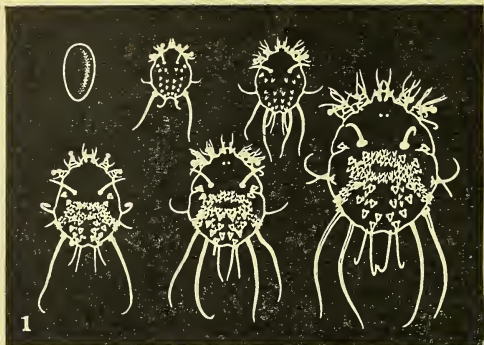
MANCHESTER PHARMACEUTICAL ASSOCIATION, Manchester University Pharmacy Department, at 3 p.m. Speech Day. Address by Mr. W. Edwards (president); presentation of prizes by Mr. C. W. Mapletorpe (a member of the Pharmaceutical Society's Council).

Friday, October 15

WEST HAM AND EASTERN DISTRICT ASSOCIATION OF PHARMACISTS AND BRANCH OF THE PHARMACEUTICAL SOCIETY, Church Institute, 27 Romford Road, Stratford, at 7.45 p.m. Mr. D. G. Ardley, M.P.S. (medical department, Pharmaceutical Specialities (May & Baker), Ltd.), on "Sulphonamide Therapy."

SCABIES:

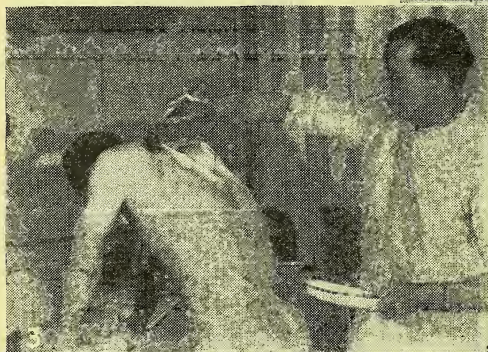
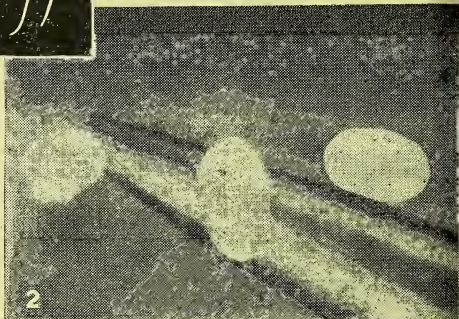
Stills from
a Ministry
of Health
Film



1. Diagrammatic representation of *Sarcoptes scabiei*, showing stages from egg to adult.

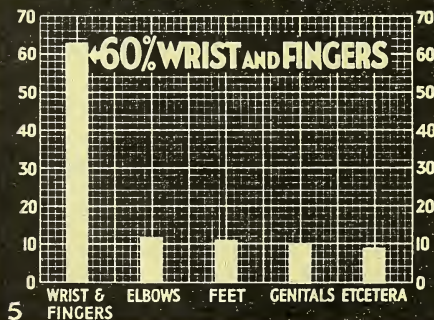
2. Eggs shown in relation to the point of a needle. The eggs are laid in a burrow under the skin and the young hatch out there, the complete cycle from egg to mature parasite taking about ten days.

3. A patient undergoing treatment by means of benzyl benzoate emulsion. The emulsion is applied to the body with a soft brush.



4. A photomicrographic view of the *Sarcoptes scabiei*. The parasite is just visible to the naked eye and has the appearance of a speck of dust. The female burrows in certain favourite sites on the body and it is in the burrows that, as stated above, the eggs are laid: the burrow is usually seen most clearly on the hands.

5. Chart showing the comparative incidence of infestation on different parts of the body. From this it is apparent that hands and fingers are overwhelmingly the most affected part of the body.



SEVENTEENTH-CENTURY DOCTORS' BILLS

VERY addition to the scanty records of prescribing in this country before the eighteenth century adds to our ledge of the use of medicaments. pharmacopœias and dispensaries ample choice of what *could* be prescribed, but do not enlighten us sufficiently what *was* most usually prescribed. This reason the chapter on illnesses and treatment in Gladys Scott Thomson's book, "Life in a Noble Household, 1700" is valuable. The book is a collection, founded on documents, of medicines in the household of the fifth Earl of Bedford, who was promoted to a dukedom near the end of a long life, in 1694. The chapter referred to opens with an account of the care of this nobleman's illness, a task apportioned between an "specialist" named Turberville and a Cox, a "spectacle man." Three entries are cited:—

March 3, 1681

Sir John Baber's eye water 2s. 6d.

An ophthalmic ointment . . . 1s. 8d.

June 25, 1692

An eye water and feathers 3s. 6d.

Spectacles and repairs to old ones are frequently in the household transactions. A new pair cost 5s.; the charge for repairing ranged from 6d. to 2s. 6d. One entry by a steward's assistant to Turberville cost £9 10s. 6d. Earlier in the seventeenth century, the author states, spectacles were imported, chiefly from Germany.

Ailments

The family seems to have had its full share of illness. On serious occasions a cure was made from three physicians—John Micklethwait, Sir Edmund King (one of whom attended Charles II), and Dr. Charlot, a Frenchman. Apothecaries in the neighbourhood of Woburn supplied medicines of the then customary types. For March and April 1675 the items include eight "papers" of powder with "a cordial julep, a 'glass of antiscorbutic juices,' oil of St. John's wort, civet scented at 8d.), a lambative, and an ointment for the stomach. A lambative (the D.D. prefers the spelling "lambitive") is a medicine, not necessarily of liquid consistency, to be licked from a spoon.

Fees for medical attendance varied widely. In 1661 Micklethwait was paid £45 for visits and advice during a case of smallpox. On the other hand, in 1665 a surgeon named Gory received a mere 2s. 6d. for treating

a boy who had had a fall. A tooth-drawer was paid from 5s. to 10s. for his services, and a corn-cutter from 2s. 6d. to 5s. Lay advice was not lacking. When the Duke, at the age of seventy-nine, was suffering from a cold, a member of the family wrote: "I have a medicine that has cured the worst of pleurisies . . . it is a powder made of three acorns and two peach stones, and take as much of it as will lie on a shilling in a proper vehicle." Bath and Tunbridge Wells were visited from time to time.

Items for Servants

The servants on the estate were generously treated in sickness: the cost of medicine and nursing for dependants must have amounted to a considerable sum annually. In October 1676, for example, "the page" was doctored, apparently for a decayed tooth, with a purging apozem, a cordial powder and a mouth wash, in addition to the extraction of the offending member, at a total cost of 5s. 6d. For March 3, 1675, the entries include:—

Mr. Kirk breathing a vein 2s. 6d.

Mr. Nelson breathing a vein 2s. 6d.

And emplasters to his contusion 3s. 6d.

Bleeding was resorted to in many cases: under the date November 21, 1678, we read: "Item letting blood a distracted woman, 1s." The distraction was possibly nothing more than hysteria. An entry in 1676 relating to the cure of a stable boy ends: "Item for other necessities and dressings, my lord's pleasure." It looks as if a final decision on payment in such cases was left to the Earl or his steward. A similar instance occurs in the accounts for 1662. A man named Richard Petty was treated for smallpox at an outlay of £8 18s.: of this sum, the apothecary's bill amounted to £2 10s. 6d., but £2 7s. was in fact paid, with the remark "to the apothecary upon his bill." Why the 3s. 6d. was deducted was not explained. These accounts were kept, so far as can be judged by the quotations, with exactitude, even to such small items as "Betty Buskin, the laundry maid, a vomit 1s." The generous conception of an employer's relations with his staff extended to funerals; for we read that at the burial of an official named Dixy Taylor rosemary was provided to sprinkle on the coffin, and the mourners were allotted twenty-eight gallons of claret and fourteen bottles of "Canary."

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NATIONALLY ADVERTISED
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 The Beetles disappear and die, leaving no odour
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 " 1/9 (14/- " " " ")
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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. CXL OCTOBER 9, 1943 NO. 3322

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

The Doctors' Decisions

A READER of the Press reports of the British Medical Association's annual conference might well have thought that the doctors were repudiating their own Planning Commission. The emphasis seemed to be (see *C. & D.*, October 2, p. 334) on a cautious extension of National Health Insurance, and that contingent upon a satisfactory increase in capitation fees, instead of on a "first-class medical service" obtainable by "every individual whatever his economic status," and "a desire to work together in groups" as envisaged in the Commission's report. Examination of the full report of the proceedings showed that this was a false picture. The conference chairman was right to point out at the final session that the opposition of the doctors was to a full-time salaried service and not to a State medical service as such. The profession, he reminded the public, had long given of its best to National Health Service, which was already a State service. Further, the most reactionary of the motions put forward ("That the representative body views with grave apprehension the institution of a comprehensive health service available to the whole community, etc.") was wisely shelved by

the conference as a whole. Public opinion has already shown that it believes in the possibility of a comprehensive health service, and intends to have it, although it may have no clear ideas as to how such service is to come about.

Corporate Body or State Department?

A much truer index of the profession's attitude to the problem is provided by the balanced comment made by the Editor of the Association's organ, the "British Medical Journal" (p. 425). After recording that the conference had come down on the side of a corporate body as the most promising means of building and administering a national medical service, he reviewed the arguments for and against corporate bodies and Government departments. For corporate bodies, the virtues claimed are boldness, originality, efficiency and flexibility, and the claimants charge Government departments with lack of initiative, arrogance, dilatoriness, ignorance of real life, complacency, excessive centralisation, parsimony, etc. Protagonists of the State department, on the other hand, point out the powers of a Minister to secure anyone he pleases to make the scheme successful, and his free choice of method, together with, of course, the most important item of all: responsibility of the Minister to Parliament and thus ultimately to the citizens at large. They charge public corporations with a tendency (and the ability) to ignore or resist public feeling, and with insulation from parliamentary control. The Editor of the "B.M.J.," however, sums up with a wisdom which is self-evident, when he writes: "The truth is probably that in running a social service far more depends upon the personal qualities of the administrators and far less upon the mechanism than is usually admitted."

Functions of a Department Today

If the Ministry of Health is suspect on the score of the personal qualities of its administrators it has only its own slow-acting and unbending record to blame. Had it shown the enterprise, for example, of the Ministry of Food, which, by its nutritional policy, has probably had a greater positive effect upon the nation's health than the

Health Ministry itself, there might not now have been the same opposition to ministerial control. It is only fair to point out that the older Ministry was built up on a conviction that a civil service department was purely administrative, while the war has shown that there are important positive and constructive activities in which such a department may engage. As it is, the medical profession seems unlikely to revise its recent decisions to the extent of accepting subordination to the Ministry of Health.

Pharmacists' Attitude

For pharmacists, one statement made at the conference reinforces the wisdom of their own recent policy. This was the chairman's remark (to the mover of a resolution aimed at postponing consideration of the council's recommendations until it was known what proposals would appear in the White Paper) that the proposer "had not learned the strategy of war." The first need in war was to hold the initiative, and they were laying down the policy they wished the Ministry to adopt. It had come "quite as a shock" to the Ministry that the medical profession "had ideas of its own." Pharmacy also has had its ideas and has presented them to the Ministry. These may have given an equal shock, but certainly pharmacists must now press for the recognition of their case so that there is no possibility of the Department planning in ignorance or in defiance of pharmacists' views.

"C. & D." Veterinary Proprietaries Price List

WHEN the first instalment of THE CHEMIST AND DRUGGIST Price List of Medicinal Proprietaries appeared, and again when the complete List was issued as a separate booklet, it was so warmly received in both the retail and wholesale sections of the trade that we have been encouraged to proceed to a sequel. THE CHEMIST AND DRUGGIST Price List of Veterinary Proprietaries, which appears complete in this issue, is neither so large as, nor likely to be of value to more than a limited proportion of users of, its predecessor, but to those who do business with the farming community or even with owners of domestic pets, it

will be found no less useful. The new is modelled on the old in that it gives the trade price per dozen at which chemists in retail business may purchase, the wholesale price per dozen for each item, and the retail price inclusive of purchase tax on a single unit. For obvious reasons it is intended to reproduce this as a separate publication, and subscribers to the C. & D. are therefore asked to preserve the price list in this issue on which the list appears. Users of both lists will be kept informed of any changes in prices that may occur in the future, so that their lists may be kept up to date and given a long period of usefulness.

A Request to Manufacturers

Manufacturers whose preparations are listed either in THE CHEMIST AND DRUGGIST Price List of Medicinal Proprietaries or in the List of Veterinary Proprietaries are asked to keep the Editor informed of price changes that are made in their preparations, so that users of the lists may be informed accordingly and the figures given in the list altered and kept up to date. Particulars of such alterations should be sent to the Editor at 17 Abchurch Lane, Street, Bath.

Recognition for U.S. Army Pharmacists

As will be seen from a news item elsewhere in this issue (p. 350), the American Pharmaceutical Association has had a notable victory in its campaign for the creation of a separate Pharmaceutical Corps in the United States Army. A Bill introduced into the House of Representatives by Carl Durham, the representative for North Carolina, and subsequently piloted through the Senate by Senator Reynolds, has now been signed by President Roosevelt, and will become law. The Bill has had a rapid course; it was approved by the House of Representatives on June 21, was examined by a Senate Committee on Military Affairs on June 30, and unanimously passed the Senate on July 3.

A summary of the evidence put before the Senate Committee by the American Pharmaceutical Association and other bodies

gh Dr. Kendig was given in THE CHEMIST AND DRUGGIST, August 28, p. 229, from this it will be seen that the case admirably presented and fully deserves the success it has been accorded. Briefly, Kendig represented that soldiers in the service have not been given the same protection in the use of drugs that they would receive in civilian life; and that establishment of a Pharmaceutical Corps in the United States Army would release physicians, dentists, and veterinary surgeons from such pharmaceutical duties as they are now performing, and so enable them to devote themselves to duties and services for which they have been trained. Statistical evidence was forwarded to show that on the existing basis over 25 per cent. of the personnel employed on pharmaceutical duties in the United States by the end of 1943 would be men of insufficient training. On the other hand, soldiers from men already in the Services would be that men with as little as ninety days of pharmaceutical training were performing duties that in civil life could only properly be performed by persons who had been trained as pharmacists.

The next step, it appears, rests with the military authorities. A hint was thrown out at the hearing of evidence before the Senate Committee that nothing would be done until forming the Corps until after the present war was ended. "On the other hand," as the Editor of the "Journal of the American Pharmaceutical Association" points out (June, p. 174), "the legislative action of Congress was clearly to improve the pharmaceutical service of the present war and to give greater protection, in so far as drugs and medicines are concerned, to men and women now in uniform."

In recent years pharmaceutical developments have run closely parallel in this country and the United States. As an instance, there may be cited the close understanding that exists between the Macopœia Commission and the Committee on Revision of the United States Pharmacopœia. It remains to be seen how far and to what extent the concrete progress effected through the agency of an intergovernmental pharmaceutical organization in the United States is reflected on this side of the Atlantic.

"Proprietary" Publicity

THE London morning and evening and Sunday newspapers, represented by the Newspaper Proprietors' Association, have adopted and put into operation a set of rules (see p. 357) to control the quality and character of advertisements of proprietary medicines. In some respects the code of conditions governing the acceptance of advertisements was hardly necessary, as the advertising of proprietary products as remedies for certain ailments was already illegal under the Pharmacy and Medicines Act, 1941, and the Venereal Diseases Act. The controls which go further than this have also been the subject of censorship by the Advertising Association for some years past and in this work the Proprietary Association of Great Britain has played a leading part. The Newspaper Society, which represents the provincial daily and weekly newspapers, has for some years co-operated with the Advertising Association in the control of proprietary medicine advertisements.

The total ban on "diagnosis-by-correspondence" advertisements is certainly a step in the right direction. Rules 3, 4, and 5 are all related and aim at controlling advertisements which tend to mislead by various means, chiefly by way of distortion of fact or by exaggeration. In addition to conforming to the rules it is understood that all advertisements of *new* proprietary medicines will be submitted to medical scrutiny and the product to chemical analysis, if such actions are considered necessary by the Newspaper Proprietors' Association. The decisions of the London daily and Sunday national newspapers will be approved in all quarters and particularly by the makers of reputable products.

The Rat as Test Patient

DISCUSSING the value of the rat in estimating the toxicity of drugs by incorporating them in the food of animals, Anderson, Henderson and Chen ("Journal of the American Pharmaceutical Association," XXXII, 8, 204) list the obvious advantages as being: 1. The rat, unlike the mouse, does not as a rule waste food: any decrease in the food cup can thus be taken as consumed by the test animal. 2. Control rats on standard diet give a smooth growth curve. (But the food must be palatable or the rat will not eat it). 3. The rat can stand repeated bleeding. 4. Pathological lesions can be progressively induced where a drug has deleterious effects on organs or tissues.

INSURANCE ACT DISPENSING

Drug Accounts Committee (Scotland).—
The report of the Committee for 1942,

the Minister of Health) is Mr. Arthur Worth, M.P.S., secretary of the Bournemouth Pharmaceutical Committee and the local Pharmaceutical War Committee.

Prescriptions priced for	1942		1941	
	Number of Forms	Value	Number of Forms	Value
Insurance Committees in Scotland ..	3,078,793	£235,092	2,846,081	£206,421
Additional forms for insulin ..	16,947	17,346	16,584	14,000
Government of Northern Ireland ..	766,133	56,069	748,214	55,100
Additional forms for insulin ..	3,356	3,750	3,104	2,900
Other bodies to a total of ..	4,011,625	£327,249	3,793,511	£295,821

recently issued, gives the number of prescription forms (exclusive of the prescriptions for insulin) priced and scrutinised by the Committee on behalf of the fifty-four Insurance Committees in Scotland during the year as 3,078,793 (value £235,092). This is an increase of 232,712 forms and £28,668 on the corresponding figures for the previous year. The average price per prescription form was 18.3d.—an increase of 0.9d. over the 1941 figure. This increase is almost entirely due to war-time conditions, and includes, from June 1, a war-time addition of one penny in respect of each prescription. The average prices per form in the years 1915, 1925, and 1935 were 9.74d., 13.99d., and 13.32d. The comparative statement given above shows the number and value of the prescription forms dealt with on behalf of insurance committees and certain other public bodies in 1941 and 1942.

Blackburn.—21,693 prescriptions were dispensed in the Insurance Committee's area during July at a cost of £1,093, of which ingredients cost £615.

Oldham.—Surprise was expressed at a meeting of the local Health Committee that so few people had taken advantage of the scheme for the free supply of insulin. In the previous six months only nineteen persons had obtained insulin at a cost of £11 10s. under the scheme. Insured persons possibly obtained the same benefits from their approved societies.

Bournemouth.—At a meeting of the Insurance Committee on September 27, the Chairman made reference to the loss of Mr. F. E. Bilson, Ph.C. (see p. 355), who, he said, was the only remaining member of the Committee who had served continuously from the inception of the National Health Insurance Act. Mr. Bilson's successor on the Committee (appointed by

C. & D. DISPENSING PRICE LIST

FUNDAMENTAL changes in prices have occurred during the month of September. The index figure of cost remains at the level of 134.4 at which it has stood during the past two months. The comparative figure for 1942 was the same.

Cost		Due allowance has been made for purchase tax in both cost and dispensing prices	Dispensing price	
d.	per		4 oz.	1 oz.
9	oz.	Acid. hydrocyanic. dil. S.I (5)	—	1 8
19	lb.	Acid. oleicum ..	0 9	0 3
7	oz.	Ammoniaci pulvis.	—	1 1
23	oz.	Balsamum toluatum ..	—	3 6
18	oz.	Bismuthi subgallas	—	2 8
31	oz.	Butylchloralis hydras	—	5 0
53	lb.	Cetaceum ..	2 0	0 8
63	lb.	Cetacei pulvis ..	2 4	0 9
78	lb.	Ext. glycyrrhizæ ..	3 2	1 0
63	lb.	Ext. hydrastis liq.	—	0 10
52	lb.	Gallæ cærul. pulv.	3 1	1 0
36	lb.	Glyc. diamorph., B.P.C. D.D.	1 9	0 7
14	oz.	Guaiaci resina pulv.	—	2 0
6	lb.	Magnes. sulphas opt.	0 4	0 2
27	oz.	Ol. cajuputi ..	—	4 0
48	oz.	Ol. geranii, E.I. ..	—	7 0
14	oz.	Ol. juniperi ligni ..	—	2 0
48	oz.	Ol. lavandulæ spic. Gall.	—	7 1
22	lb.	Ol. ricini opt.	0 10	0 3
60	lb.	Ol. rusci, B.P.C. ..	2 2	0 9
52	lb.	Pasta acidi tannici	2 2	0 9
17	oz.	Saponinum ..	—	2 6
20	lb.	Sodii phosph. (tribasic.) ..	0 9	0 3
12	lb.	Sodii sulph. pulv. exsicc.	0 6	0 2
126	lb.	Tr. guaiaci ..	—	1 5
111	lb.	Tr. guaiaci ammonata ..	—	1 4

TRADE REPORT

quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include the war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, October 6

General business in the London drug and chemical markets continues quiet. A good number of inquiries has been received for export orders, but in many instances the items required are not available. Price fluctuations have been more the exception than the rule during recent weeks—changes, however, they have occurred, generally amounting to small proportions of the price. There is nothing of interest to report in pharmaceutical chemicals, which have moved along slowly, with business in commodities restricted by the supply position.

Drugs

Reports indicate that business in this section has again been on the slow side, the price position firm throughout. Interest in MENTHOL shows no signs of flagging, and merchants and others are busy jockeying their positions under the Control Order. There appears to be a variety of opinions upon the correct interpretation of the Order and on how far the control of prices affects certain holders of bulk stocks. Business in AGAR is confined to occasional small sales of material for bacteriological purposes. Cape ALOES remains in good demand, there appear to be no stocks in London and no offers from source. A few cases of ZINC have changed hands at previously quoted prices. Little CAMPHOR is wanted at present, but dealers continue to sell freely to approved buyers. Some COCHINEAL may be obtained for the manufacture of medicinal products. Spot supplies of dried ERGOT are difficult to locate, but they seem to be readily available. GUM ARABIC is without quotable change, the market's prices remaining exceedingly firm. There is no lack of demand for IPECACUANHA, supplies are difficult to find. An ordinary routine trade is passing in NUXOMICA. Some Spanish BITTER ORANGE is available on spot. Fairly good inquiry is noted for RHUBARB, the prices of which are unchanged. SEEDS are dull, with quotations unaltered. CARNAUBA WAX is steady at the easier figure noted last week.

Prices for Aloes and Calabar Beans

The Directorate of Medical Supplies has informed the Botanical Drug Importers' Section of the London Chamber of Commerce, 69 Cannon Street, London, E.C.4, that it is proposed to recommend import licences for limited quantities of Cape and Curaçao ALOES and CALABAR BEANS during the period ended September 30. The Section has been asked to arrange for their importation. The Botanical Drug Importers' Section therefore invites notifications, not later than October 15, from firms which, during the years 1937 to 1942, imported any of the drugs mentioned. By "imported" is meant arranged the shipment and paid the overseas supplier. On receipt of the information the Section will send qualified importers the necessary form of declaration on which a return of importations can be made, and these forms will form the basis of the Section's recommendations to the Directorate.

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Essential Oils

The OILS position has shown practically no change during recent weeks. Prices of available stocks of "free" oils have become more or less stabilised, and noteworthy fluctuations are few. It is understood that some supplies of the controlled essential oils have now been distributed.

Exchange Rates on London

During September the London valuations of the principal foreign currencies were unaltered. The Bank of England fixed rates include: New York, 4.03 dollars; Montreal, 4.45 dollars; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner. The Chinese National dollar is valued at 33½d., and Madrid pesetas are at 40.50 to the £ sterling.

Pharmaceutical Chemicals

ALLOBARBITONE.—Makers' price is steady at 60s. per lb.

AMPHETAMINE.—Steady at the unchanged price of 150s. per lb.

ATROPINE.—Makers' prices per oz. are as follows: ALKALOID, 1 oz., 35s.; 4 oz., 34s. 6d.; 25 oz., 34s. SULPHATE, 1 oz., 28s.; 4 oz., 27s. 6d.; 25 oz., 27s. METHYL BROMIDE and METHYL NITRATE, 1 oz., 65s.

BARIUM SULPHATE, B.P. (x-ray).—Prices per lb., in quantities of 28 lb. to 1 cwt., are as follows (containers in brackets): 1s. 5½d. (1-lb.); 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (4-lb.); 1s. 2d. (28-lb.).

BISMUTH SALTS.—Cwt. lots are quoted per lb. as follows: Carbonate, 8s. 9d.; citrate, 10s. 9d.; nitrate, cryst., 5s. 9d.; oxide, 12s. 3d.; salicylate, 9s. 3d.; subchloride, 12s.; subgallate, 12s.; subnitrate, 7s. 7d.

BORIC ACID.—Makers' quotations are as follows: B.P. granulated, £60 15s. per ton; crystal, £61 15s.; powder, £62 15s. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards. Commercial grades, £8 per ton less.

BROMIDES.—Makers' prices for POTASSIUM range from 3s. 1½d. per lb. to 3s. 9½d. per lb., according to quantity. SODIUM is at 3½d. per lb. extra, and AMMONIUM at 2d. per lb. extra. Powder, 2d. per lb. extra.

CITRATES.—Makers' prices for POTASSIUM, B.P., range from 2s. 11d. per lb. to 3s. 6½d. per lb., according to quantity and packing. IRON and AMMONIUM (SCALES), B.P., is at 3d. per lb. above, and SODIUM is at 1d. per lb. below, these prices.

COCAINE.—Details of British makers' current wholesale prices were given last week (p. 345).

CODEINE.—Makers' prices per oz. are as follows: ALKALOID.—½ oz., 48s. 3d.; 1 oz., 45s. 9d.; 2 oz., 44s. 3d.; 3 oz., 43s. 6d.; 4 oz., 43s. 3d. HYDROCHLORIDE.—½ oz., 42s.; 1 oz., 39s. 6d.; 2 oz., 38s.; 3 oz., 37s. 3d.; 4 oz., 37s. PHOSPHATE.—½ oz., 37s. 9d.; 1 oz., 35s. 3d.; 2 oz., 33s. 9d.; 3 oz., 33s.; 4 oz., 32s. 9d.

CREAM OF TARTAR.—British makers' quotations are steady at 262s. per cwt., less 2½ per cent.

DEXTROSE, B.P.—Makers' prices range from 10½d. per lb. to 1s. 4½d. per lb., according to quantity and packing.

DIAMORPHINE.—Current rates per oz. for small quantities are as follows: ALKALOID, ½ oz., 54s.; 1 oz., 51s. 6d.; 2 oz., 50s.; 3 oz., 49s. 3d.; 4 oz., 49s. HYDROCHLORIDE.—½ oz., 49s.; 1 oz., 46s. 6d.; 2 oz., 45s.; 3 oz., 44s. 3d.; 4 oz., 44s.

ETHERS (METHYLATED).—Makers' prices per lb., in winchester quarts, are as follows: 0·750, 1s. 5½d.; 0·735, 1s. 5½d.; 0·730, 1s. 5½d.; 0·725, 1s. 7½d.; 0·725 (triply rectified), 2s. 0½d.; 0·720, 1s. 8½d.; 0·717, 2s. 2½d.; 0·720, B.P. (not for anaesthesia), 1s. 10d.

ETHYLMORPHINE.—Prices per oz. for small quantities are as follows: ALKALOID, 51s.; 1 oz., 48s. 6d.; 2 oz., 47s.; 3 oz., 46s. 3d.; 4 oz., 46s. HYDROCHLORIDE, ½ oz., 43s.; 1 oz., 40s. 6d.; 2 oz., 39s.; 3 oz., 38s. 3d.; 4 oz., 38s.

GALLIC ACID.—Steady at from 9s. to 10s. per lb., according to quantity.

GLUCOSE.—Bulk home-trade prices per lb. for powdered monohydrate are as follows (containers in brackets): 1s. 1½d. (1-lb.); 1s. 0½d. (2-lb.); 1s. (4-lb.); 11d. (7-lb.); 10½d. (14-lb.); 10d. (28-lb.).

GLYCERIN.—Prices per cwt., for small supplies, are as follows: 56-lb. tin, 99s.; 14-lb. tin, 105s.; subject to 2½ per cent. discount, twenty-eight days.

GUAIACOLS.—CRYSTALS and CARBONATE, U changed at from 14s. to 15s. per lb.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID, 1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDR BROMIDE and SULPHATE, 1 oz., 75s.; 4 oz., 70s. 16 oz., 65s. (3s. 2d.).

MAGNESIUM CARBONATE, LIGHT.—Home market prices per lb., in quantities of 28 lb.—1 cwt are as follows (containers in brackets): 1s. 2½ (1-lb.); 1s. 1d. (4-lb.); 1s. (7-lb.); 11½d. (14-lb.) 11d. (28-lb.).

MANDELATES.—Makers' quotations are unchanged. SODIUM and CALCIUM.—4 oz., 80 and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d. 28 lb. (in 7-lb. packages), 15s. per lb., net. AMMONIUM (50 per cent. solution)—4 oz., 80 and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11½d. 28 lb. (in 7-lb. packages), 7s. 11d. per lb. net. Packages extra and returnable.

MERCURY IODIDES.—The following makers' prices per lb.: RED, less than 7 lb., 20s. 8d.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 28s. 8d.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. net, carriage paid.

MORPHINE.—Makers' prices per oz. for small supplies are as follows: ALKALOID, ½ oz., 53s. 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d. 4 oz., 48s. HYDROCHLORIDE, ½ oz., 43s. 9d. 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s. 4 oz., 38s. 9d.

PILOCARPINE.—Quotations per oz. are as follows: BASE, 1 oz., 27s.; 4 oz., 26s. 6d. 25 oz., 26s.; HYDROCHLORIDE, 1 oz., 21s. 3d. 4 oz., 20s. 9d.; 25 oz., 20s. 3d.; NITRATE, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

POTASSIUM PERMANGANATE.—B.P. is quoted by makers at 1s. 10d. per lb.

SANTONIN.—Home-trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2-4 kilos, £64; 1 kilo, £65; 500 grams, £66; 250 grams, £67; 100 grams, £68; less than 100 grams, £69 per kilo. Carriage paid in United Kingdom.

SODIUM BENZOATE.—In fair supply at from 2s. 9d. to 3s. per lb., according to quantity.

SULPHANILAMIDE.—Prices range from 10s. 6d. to 12s. 6d. per lb., according to quantity.

TANNIC ACID.—Current prices range between 9s. and 10s. per lb., according to quantity.

TARTARIC ACID.—B.P. crystal is quoted by makers at 3s. 1½d. per lb., less 5 per cent. discount.

TERPINEOL.—Steady at 3s. 6d. to 4s. per lb. for medicinal use.

VANILLIN.—Makers' prices are steady, as follows: Ex clove oil or guaiacol, 5 cwt., 22s. 6d. per lb.; 1 cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d.

Crude Drugs

BAR.—Odd lots of Kobe No. 1 are selling approved users for bacteriological purposes 3s. to 7os. per lb.

BOES.—A good demand is being received Cape but supplies appear to be practically existent; no offers are obtainable from source. Curaçao, spot, 48os. per cwt.

NTIMONY.—No change has occurred in the of English 99 per cent. regulus, for essential treatments, at £120 per ton, delivered; per cent. for the home trade, £100 per ton, erred.

ALSAMS.—*Tolu*, softish, steady at 14s. per n spot; *Canada*, unchanged at 1os. 3d., *Peru* at 8s. 6d. *Copaiba* is unobtainable.

ELLADONNA.—Indian leaf may be obtained pot at 5s. to 5s. 6d. per lb., and Indian root s. to 4s. 6d. per lb., both according to test.

ENZONIN.—A few odd cases are changing ls at from £22 1os. to £25 per cwt. for fairity Sumatra block. Free "almonds" would t £32. Supplies for non-pharmaceutical pur- s require the consent of the Director of ical Supplies.

UCHU.—Inquiries are still being received no supplies are available at present.

AMPHOR.—Occasional small demand. Ap- proved buyers can obtain Chinese crude at 1os. lb., and B.P. at 11s. 6d. Re-sale prices for ll quantities of natural and synthetic imed by the Ministry of Supply have not yet a issued.

ARDAMOMS.—Aleppy greens are steady on t at 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; t seed, 5s. 6d.

ASCARA SAGRADA.—No supplies are available resent.

HAULMOOGRA.—*Hydnocarpus*, spot, tins in s, 1s. 7d. per lb.; shipment from India, 3d. per lb., c.i.f.

HILLIES.—Spot price of Mombasa steady at s. per cwt.

LOVES.—Zanzibar steady on spot at 1s. 5½d. lb., second-grade, to arrive, 10d. per lb., s, sellers.

CHINEAL.—Blacks, for medicinal prepara- s, 4s. 6d. per lb. on spot.

COCA BUTTER.—Maximum official price ains at 1s. 5½d. per lb., ex factory or ware- se, except for sales made under Ministry of d licence.

COCONUT (DESICCATED).—Price is controlled Ministry of Food Order at 49s. per cwt.

DIGITALIS LEAVES.—Portuguese leaves are oted steady at 135s. per cwt.; English-grown f, 2s. 6d. per lb.

DRAGON'S BLOOD.—Dull Zanzibar drop may ad on spot at £21 per cwt.

LEMI.—Small supplies of No. 1 gum may be ained on spot at 34os. per cwt.

ERGOT.—Spot stocks of sound material are rce, but wormy appears to be readily avail- e at 5s. per lb.

GALANGAL ROOT.—Quoted at 10os. per cwt., in bond Liverpool.

GUM ACACIA.—No change in spot quotation for Kordofan cleaned sorts at 95s. per cwt.; bleached, 14os., c.i.f.; Talha, cleaned, 55s. per cwt., landed terms.

HENBANE LEAVES.—Spot quotations for Indian leaves vary according to test from 20os. to 35os. per cwt. Russian leaves are offered to approved buyers at 3s. 6d. per lb.

IPECACUANHA.—Demand continues but sup- plies are difficult to find; no offer can be obtained from the other side. Current prices of EXT. IPECAC. LIQ. are as follows: Winchester, B.P., 1932, under three, 3os. 6d. per lb.; three and under six, 3os.; six and under twelve, 29s. 6d.; twelve and over, 29s.; B.P., 1914, under three, 28s. 6d.; three and under six, 28s.; six and under twelve, 27s. 6d.; twelve and over, 27s. per lb.; all prices quoted are on a net basis.

JALAP.—Spot price of Brazilian root, testing 16 per cent., 105s. per cwt.; some 13 per cent. is available at 95s.

KAMALA.—Material testing about 5 per cent. ash may be obtained on spot at 1s. 9d. per lb.

LIQUORICE ROOT.—Russian root can be had by approved users for pharmaceutical purposes at 75s. per cwt.; cut Russian root, for non-pharmaceutical purposes, 96s. 6d. per cwt.

MENTHOL.—Request continues but there appear to be no sellers at the recently controlled prices.

MERCURY.—Official spot quotations range from £68 1os. to £69 15s. per flask, according to conditions and quantity, with higher rates for smaller lots and redistilled grades.

MYRRH.—Good-quality Aden sorts are steady on spot at £20 per cwt.; pickings would be at half that price.

NUTMEGS.—West Indian, spot, wormy and broken, 1s. 6d. per lb.; sound unassorted, 1s. 9d.

NUX VOMICA.—Cocanada, spot, 37s. 6d. per cwt.; shipment, 32s. 6d. per cwt., c.i.f. Cochín, washed and garbled, spot, 42s. 6d.

ORANGE PEEL.—Spot quotations for good- quality thin-cut are steady at 4s. 6d. per lb.; some Spanish bitter quarters are quoted at 4s. 3d. per lb.

PEPPERS.—Maximum prices of whole, not picked over or cleaned, on sale to processors, are: 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty paid.

PODOPHYLLUM.—Spot price of untested material would be 95s. per cwt.

PSYLLIUM SEED.—Small spot supplies of Indian seed may be obtained at 1s. 3d. per lb. ex store.

QUILLAIA BARK.—Crushed or cut bark, spot, 95s. per cwt.; natural, spot, 75s.; afloat, 65s., c.i.f.

RHUBARB.—In fairly good inquiry at un- changed rates. Rough-round, spot, 8s. per lb.; flat high-dried, rough-coat, 8s. to 8s. 3d.; slightly wormy, 8s.; Shensi pickings, 1os.

SAPONIN.—Steady at 7s. 6d. per lb., ex store.

SEEDS.—A dull market, with quotation unaltered on the week. **CORIANDEr.**—Indian, 90s. per cwt. **CUMIN.**—Maltese, spot, 120s.; Indian, 110s. **DILL.**—160s., ex wharf Glasgow; 167s. 6d., ex wharf London. **FENNEL.**—Nominal at 87s. 6d. **FENUGREEK.**—May be had at 80s. **MUSTARD.**—Controlled prices as recently recorded are unchanged.

SENNA.—Quiet conditions continue, with no changes in values. Pods, Alexandrian medium, 3s. 9d. to 4s. per lb.; Tinnevely, hand-picked, 11d. to 1s. 5d.; ordinary grade, 10d. to 11d.; manufacturing grade, 6d. to 7½d. Leaves, broken Alexandrian, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevely No. 1, 9d. to 10d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Portuguese bulb is quoted on spot at 80s. per cwt.; Indian, 72s. 6d.

STRAMONIUM LEAVES.—Offered by dealers at 95s. per cwt. on spot.

STROPHANTHUS.—100 per cent. Kombé seed, in small lots, can be had from dealers at 10s. 6d. per lb., but larger parcels would be at a cheaper rate.

TRAGACANTH.—Demand steady; current rates for the medium grades are: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £73; amber leaf, £65; dark amber, £45; brown leaf, £35; red-and-brown leaf, £32; red leaf, from £30; hoggy, light, from £17; woody and dark, £12.

TURMERIC.—Little demand; price unchanged. Sound-quality Madras finger, spot, 57s. 6d. per cwt.; wormy, 55s.

VALERIAN ROOT.—Offered on spot by dealers at 95s. per cwt., ex store.

WAXES.—**BEES'.**—Obtainable only through the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Quiet. Fatty grey and chalky grey, spot, steady at 420s.; Prineira, 530s. per cwt.

Essential and Expressed Oils

ANISE (STAR).—Supplies are scarce and prices nominal at 80s. per lb.

BAY.—Spot oil, if available, would be worth approximately 12s. 6d. per lb.

BOIS DE ROSE.—About 47s. per lb. would be required for any available supplies of spot oil.

CAJUPUT.—In small compass on spot; price would be about 15s. per lb.

CINNAMON.—About 15s. 6d. to 16s. per lb. would be required for leaf oil.

CITRONELLA.—Java, spot, about 25s. per lb.; Ceylon, around 21s. 6d.

CLOVE.—No change in English distillers' prices for genuine B.P. oil at 11s. 6d. to 12s. per lb., according to quantity.

COCONUT.—Bulk supplies of refined deodorised are officially quoted at £49 per ton, and refined hardened deodorised at £53, both naked ex works.

COTTONSEED.—Bulk supplies are official priced as follows: Refined edible, £57 per ton; refined deodorised, £58 per ton; both naked ex works.

CROTON.—Quoted at 9s. 6d. per lb.

EUCALYPTUS.—Small supplies of oil containing 70 to 75 per cent. cineole would be worth about 5s. 9d. per lb.; 80 to 85 per cent. would fetch about 6s. per lb., both grades packed in drums.

GERANIUM.—Genuine North African oil available at around 85s. to 90s. per lb., according to quantity.

GINGER.—English-distilled oil may be had at around 90s. per lb.

GINGERGRASS.—Small spot supplies available from holders at approximately 22s. 6d. per lb.

GROUNDNUT.—Controlled prices for bulk supplies are as follows: Refined deodorised, £62 per ton; refined hardened deodorised, to 40° to 50°; refined hardened deodorised, to 50° to 55°; £62; all naked ex works.

LEMONGRASS.—Offered in small compass on spot at around 13s. 6d. per lb.

NUTMEG.—Oil from West Indian nutmeg may be had at approximately 42s. per lb.

PALM.—Official price of refined deodorised remains at £55 per ton and that of refined hardened deodorised at £58 per ton, both naked ex works.

PALM KERNEL.—Bulk supplies are official priced as follows: refined deodorised, £49 per ton; hardened refined deodorised, £53 per ton; both naked ex works.

PALMAROSA.—Spot, if available, would be worth about 35s. per lb., for 93 per cent.

PATCHOULI.—The spot value of any remaining supplies of good-quality oil would be about 72s. 6d. per lb.

PEPPERMINT.—Chinese oil is firm at 11s. per lb., but supplies are scarce.

PETITGRAIN.—Scarce at about 25s. per lb.

RAPSEED.—Refined, in bulk, is officially controlled at £60 per ton, naked ex works.

ROSEMARY.—Spot price of any available supplies would be approximately 16s. per lb.

THYME.—High-grade oils are scarce; spot price, if available, about 25s. per lb.

VETIVERT.—Spot, if available, approximately 95s. per lb.

Controlled Essential Oils.—The following are the controlled prices per lb. for essential oils imported under the essential oils scheme (see details see C. & D., September 4, p. 25). **Lease-Lend Oils (American):** Lemon, compressed, 18s. 10½d.; lemon, distilled, 14s. 4d.; peppermint, 36s. 4d.; grapefruit, 18s. 2d.; saffrafras, 11s. 1½d.; caraway, 20s. 4½d.; wormseed, 15s. (plus purchase tax); cedarwood, 3s. 1d.; nutmeg, 23s. 3d. **Oils from Empire Sources (maximum prices):** Clove, Zanzibar, 5s. 6d.; citronella, 5s.; lime, 46s. 3d.; lemon grass, 5s. 6d.

COMMERCIAL NOTES

Society Islands Vanilla Beans.—During second quarter of 1943, exports of vanilla beans from the Society Islands amounted to 30,578 kilos, against 30,500 lbs. in the corresponding quarter of 1942.

Argentine Foreign Trade.—During the first six months of 1943 imports into the Argentine of chemicals, oils, paints, etc., were valued at 52,691,000 pesos, compared with 70,891,000 pesos in the corresponding period of the previous year.

Canadian Medicinal Products Industry.—Medicinal and pharmaceutical preparations, including fine chemicals, to the value of 9,900,000, were produced in Canada during 1942. This represents an increase of 10 per cent. over the figures for 1941. It is reported that an average of 5,414 persons are employed in 183 establishments.

Aloes Production in Dutch West Indies.—Production of aloes in the Netherlands West Indies during the quarter ended November 30 amounted to approximately 1,000 cases. At the end of that period the stocks in hand were nil, and orders booked for shipment later to the United States and United Kingdom amounted to 300 cases more than those recorded during the second quarter of 1943.

Pyrethrum Seed from Kenya.—"The Times" correspondent in Nairobi states that 20,000 lb. of pyrethrum seed is now being collected in Kenya for delivery to Russia for the purpose of re-planting 500 acres of war-devastated Caucasian lands previously under pyrethrum. Recently 10,000 lb. was sent to Brazil at the request of the United States Board of Economic Warfare.

Canada-Chile Trade Agreement.—An agreement between Canada and Chile providing for unrestricted, most-favoured-nation treatment in regard to customs duties, which has been in operation provisionally between the two countries since March 1942, has now been formally ratified, and will remain in force for two years and be renewed annually thereafter unless terminated by either government.

"C. & D." Quiz No. 12.—The answers to the questions given on p. 357 are: 1. Extract of malt. 2. Liniment of ammonia. 3. Thomas Field ointment. 4. Confection of pepper. 5. Kaolin. 6. Salerno. 7. Tinct. benz. co. 8. Oil of spike. 9. Mercury ointment. 10. Dec. aloes co.

TRADE MARKS

(From "The Trade Marks Journal,"
September 8, 1943)

APPLICATION AMENDMENT

According to "The Trade Marks Journal," September 8, 1943, specification No. 622,776, by D. S. Badwal & Co., has been altered so as to read "Perfumery and toilet preparations (not medicated), but not including soap in tablet or bar form."

CONVERSION OF SPECIFICATIONS

Section 36 (3) and Rules 6 to 8

To Schedule IV (with amalgamation):—

No. 510,233 by William Gossage & Sons, Ltd.

No. 510,262 by Lever Brothers, Port Sunlight, Ltd.

CANCELLATIONS ON APPLICATION OF THE

PROPRIETORS

Specification Nos. 506,802-03 by Phosferine (Ashton & Parsons), Ltd., cancelled in respect of all goods except a medicinal preparation for human use in the treatment of coughs and colds.

Specification No. 533,795, by T. J. Smith & Nephew, Ltd.

(From "The Trade Marks Journal,"
September 15)

"VIZ-ZAN-DE"; for perfumes, non-medicated toilet preparations, etc. (3). By Zande Cosmetic Co., Inc., 15 West 26th Street, New York, U.S.A. 616,175 (Associated).

"STEADWOOD"; for soaps, perfumery, essential oils, dentifrices and toilet preparations (not medicated) (3). By T. Wood & Son (Cleckheaton), Ltd., Greenside, Cleckheaton, Yorks. 623,352.

"BRICCAS"; for perfumes, non-medicated toilet preparations, etc. (3). By Briccas, Ltd., 4 Cavendish Place, London, W.1. 623,998.

"CLINITEST"; for chemical substances prepared for use in analytical tests in medical diagnosis or treatment (5). By Effervescent Products, Inc., 1101-59 Myrtle Street, Elkhart, Indiana, U.S.A. B617,462.

"APHISOL INSECTICIDE" on floral device (floral devices disclaimed); for insecticides (5). By The Aphisol Insecticide Co., Ltd., 40 Durning Road, Liverpool. 621,953 (Associated).

"KEN"; for medicated confectionery and infants' and invalids' foods (5). By Charles Kent (Products), Ltd., Hellfield, Hallam Street, Guiseley, nr. Leeds. 623,235 (Associated).

"KEMITHAL-SODIUM" ("sodium" disclaimed); for sodium salts of barbituric acid for human and veterinary use (5). By Imperial Chemical (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 623,299 (Associated).

"DYSMINE" for pharmaceutical preparations for treatment of menstrual disorders (5). By Roslin Chemicals, Ltd., 99 Oaklands Road, London, N.W.2. 623,469.

"CELLOTAN"; for pharmaceutical preparations (5). By Cellon Laboratories, Ltd., 380 Richmond Road, Kingston-on-Thames, Surrey. 623,513.

PRICE LIST OF VETERINARY PROPRIETARIES

THE Price List of Veterinary Proprietaries given below is in the same form as, and may be regarded as a sequel to, THE CHEMIST AND DRUGGIST Price List of Medicinal Proprietaries (One shilling post free from The Publisher, The Chemist and Druggist, 28 Essex Street, London, W.C.2). The intention is to save efforts of memory as well as delays caused by tardy arrival of invoices. The information given comprises the trade price per dozen to chemists

in retail business, no account being taken of quantity, display or other discounts or bonuses; purchase tax extra per doz. and the retail price each inclusive of tax. A few exceptions to this arrangement are separately indicated. Items are given in alphabetical order according to the name of the preparation and not by maker's name unless the latter is an indispensable part of the title (e.g. Alterine under A and not under Hankinson's.)

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
A			
Alterine	s. d. 28 0	s. d. 4 8	s. d. 3 11
Antibacsyn, cats and dogs ..	81 7	14 0	10 2
horses and cattle ..	85 10½	13 0	9 6
oral ..	142 10	21 0	15 9
..	244 10	36 0	27 0
..	45 11	7 0	5 1
..	64 7½	9 0	7 1
..	91 10	14 0	10 2
sheep and pigs ..	49 4	7 0	5 5
..	94 4½	14 0	10 5
..	163 2½	24 0	18 0
Antimate	24 9	nil	2 9
Antiphlogistine (vet.) ..	21 8	3 7½	3 0
..	36 0	6 0	5 0
..	79 4	13 2½	11 0
Antithermogen ..	16 2	2 8	1 10½
..	27 0	4 6	3 1½
Aphrodisies	13 6	2 3	1 8½
Arecan local anæsthetic (vet.) ..	24 0	nil	3 0
..	40 0	nil	5 0
B			
Bagshaw's foot-rot dressing ..	14 0	2 4	1 9
..	24 0	4 0	2 10
..	33 0	5 6	4 0
Benbow's dog mixture ..	13 6	2 3	1 8
..	22 6	3 9	2 10
..	54 0	9 0	6 9
..	108 0	18 0	13 6
skin ointment ..	4 0	0 8	0 7
Bipap	48 0	8 0	6 8
Bonum dog mixture ..	15 6	2 7	2 3
worm capsules ..	10 0	1 8	1 5
powders ..	6 0	1 0	1 0
B.-R. bone Radiol ..	100 0	17 0	11 5
Bromo-valerian ..	33 0	5 6	4 6
..	60 0	10 0	8 6
C			
Canino tonic cream ..	12 6	2 1	1 8
vitamin cream ..	20 6	3 5	3 0
Cleansur powder ..	4 6	1 3	0 7½

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
C.M.X. antiseptic			
..	s. d. 9 0	s. d. 1 6	s. d. 1 1
..	63 0	10 6	8 6
..	114 0	19 0	14 0
Coletyl	32 0	5 4	4 0
Corner's oils ..	22 0	4 0	3 1
Cremor alkalinus (vet.) ..	8 0	1 4	1 1
Cuff's fly oil ..	36 0	6 0	4 6
..	22 6	nil	2 6
..	36 0	nil	4 0
..	40 6	nil	4 6
foot-rot powder ..	9 0	nil	1 3
..	18 0	nil	2 6
Cupiss'—			
constitution balls ..	16 0	2 8	2 0
..	32 0	5 4	4 0
powders ..	9 0	1 6	1 3
..	45 0	7 6	5 2
D			
Dawes foot-rot prevention and cure ..	18 6	3 1	2 2
..	36 6	6 1	4 4
Dennis' pig powders ..	4 6	0 9	0 0
..	9 0	1 6	1 1
Dermynox	27 0	3 6	2 2
..	180 0	22 6	16 1
Dexol	18 0	3 0	3 3
..	30 0	5 0	4 4
Diarsin	30 0	5 0	4 4
..	54 0	9 0	7 7
Drico	14 0	nil	1 1
E			
Elixir Hormonigen ..	70 2	11 8	8 8
vitaminæ ..	54 0	9 0	6 10
..	91 10	15 4	10 3
..	194 5	32 5	22 2
Elliman's Royal embrocation ..	14 9	2 5½	1 1
Evans' dusting powder (vet.) ..	22 0	3 8	3 3
..	60 0	10 0	8 8
F			
Feskol	13 6	2 3	1 1

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
G			
I's foot-rot ointment	s. d.	s. d.	s. d.
	13 6	2 3	1 8½
	27 0	4 6	3 4½
	63 0	10 6	7 10½
	117 0	19 6	14 8
	28 0	4 8	3 11
Ieno salve	40 0	6 8	5 7
	60 0	10 0	8 4
	84 0	14 0	11 8
	168 0	28 0	23 4
H			
ankinson's new scour			
ure	28 0	4 8	3 11
urvey's—			
aconite powders ..	26 0	4 4	3 4½
	104 0	17 4	13 3
mbrocation or curb			
bottle	41 0	6 10	5 1
	78 0	13 0	9 7
	250 0	41 8	29 0
hair-restoring oint-			
ment	14 0	2 4	1 8½
roof ointment ..	28 0	4 8	3 5
	56 0	9 4	6 9½
parasiticide	38 0	6 4	4 6½
	57 0	9 6	6 9½
physic balls	6 0	1 0	0 10
ed lotion	21 0	3 6	2 9½
	31 0	5 2	3 11½
	64 0	10 8	7 11
kin specific for dogs	14 0	2 4	1 11½
hrush specific ..	16 0	2 8	2 0
	28 0	4 8	3 5
orm and condition			
powders,			
without ball ..	32 0	5 4	3 11½
with ball	39 0	6 6	4 9½
yearlings and			
foals	32 0	5 4	3 11½
patex-T 6 × 2 c.c.	72 0	12 0	9 0
50 × 2 c.c.	504 0	84 0	63 0
10 c.c.	48 0	8 0	6 0
wsol	9 0	1 6	1 0½
	15 4	2 6	1 9
	29 8	4 11	3 5
	118 10	19 10	12 9
J			
mes' (Lieutenant)			
horse blister	15 0	nil	1 7
	28 0	nil	2 11
res' veterinary cap-			
sules, M1	15 0	3 0	2 0
	57 0	10 0	7 4
M3	18 0	3 0	2 3
	66 0	11 0	8 5
M5	39 0	7 0	5 1
	180 0	29 0	22 6
M15	57 0	10 0	7 4
	270 0	44 0	33 9
ointment	2 6	0 5	0 4½
	18 0	2 11	2 3
	48 0	7 10	5 8

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
K			
Johnson's—			
cattle ointment			
embrocation } ..	24 0	4 0	3 0
liniment			
L			
Karswood dog powders	2 3	0 4½	0 3½
	4 6	0 9	0 7
	8 6	1 5	1 1½
pig powders	9 9	1 7½	1 2
Koppos powder ..	40 0	6 8	5 7
	80 0	13 4	11 1½
M			
Lactine	11 3	1 10½	1 5
Leeming's essence	16 3	2 8½	2 9
Lintox	12 0	2 0	1 8
	52 0	8 8	7 3
	188 0	31 6	26 3
Lubrol	13 6	2 3	1 8½
Lysantol (vet.) ..	6 0	1 0	0 10
	80 0	13 4	11 1½
pessaries	56 0	9 4	7 9½
	20 0	3 4	2 9½
N			
McGuffie's wormseed			
mixture	13 6	2 3	1 8
	22 6	3 9	2 10
Malagride	32 0	5 4	4 6
	116 0	19 4	16 2
Marsan	24 0	4 0	3 0
Martin's, Bob—			
antiseptic fluid	9 0	nil	1 0
aperient powders	4 8	0 9	0 7
canker (lotion	11 5	1 11	1 5
powder	4 6	1 6	0 7½
chalk block ..	4 8	0 9	0 7
condition tablets	15 4	2 7	1 11
diarrhoea powders	4 8	0 9	0 7
distemper powders	4 8	0 9	0 7
dog soap	5 9	1 11	0 9½
eye drops			
fit and hysteria tab-			
lets	11 5	1 11	1 5
foot powder ..			
stomach powder			
worm powders ..	1 0	0 2	0 1½
	4 8	0 9	0 7
	1 3	0 2½	0 2
	4 8	0 9	0 7
Mercurocol scales	8 0	1 4	1 2
	22 0	3 8	3 1
	92 0	15 4	12 3
	80 0	13 4	11 2
solution			
"Ministry of Food"—			
veterinary cod liver			
oil mixture ..	14 6	nil	1 8
gallon tin, each	8 3	nil	9 10
drums, 5-gall.	37 6	nil	41 6
10-gall.	72 6	nil	80 5
Myroxline	43 2	7 2	5 0

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
N	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Naldire's—			
condition powders ..	4 6	1 0	0 7
	9 0	1 6	1 1½
dog soap ..	4 6	1 6	0 7½
	9 0	3 0	1 3
worm powders ..	9 0	1 6	1 1½
	30 6	5 0	3 11
	40 6	7 0	5 1
	50 6	8 6	6 2½
'92 ointment ..	9 0	1 6	1 1½
P			
Paraphyroxia ..	54 0	9 0	6 3
Pestroy insect powder	5 8	nil	0 7½
Pirevan, 5% ..	60 0	10 0	8 4
0.5% ..	24 0	4 0	3 4
Plough—			
chemical food powder	14 0	2 4	1 11½
	90 0	15 0	11 3
	315 0	52 6	39 4½
	690 0	115 0	73 7
	100 0	16 8	
each	each	each	
worm capsules, hound	12 0	2 0	1 8
	100 0	16 8	13 10½
	192 0	32 0	26 8
dog	10 0	1 8	1 4½
	40 0	6 8	5 6½
	132 0	22 0	18 4
puppy	4 0	0 8	0 6½
	24 0	4 0	3 4
	80 0	13 4	11 1½
Premiere drench ..	14 0	2 4	2 8
R			
Retaquin ..	52 0	8 8	7 3
Rheumatine ..	11 3	1 10½	1 5
	22 6	3 9	2 10
Ruby elixir for distemper ..	34 3	5 8½	4 0
remedy for worms	18 0	3 0	2 3
	34 3	5 8½	4 0
tonic pills, Nos. 1 and 2 ..	17 2	2 10½	2 0
S			
Saloform pessaries—			
for bitches ..	12 6	2 0	1 9
	17 6	3 0	2 6
	20 0	3 0	2 9
for cows (in 12's)			
red ..	84 0	14 0	12 6
white (ordinary strength) ..	102 0	17 0	15 0
yellow(extrastrong)	114 0	19 0	16 0
for sheep ..	20 0	3 0	2 9
Sherley's jaundice cure	11 3	1 10½	1 5
Sphagnol ointment (vet)	9 0	1 6	1 1½
	27 0	4 6	3 4½
	51 0	8 6	6 5½
soap (vet.) ..	6 0	2 0	0 10

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
S	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Stocksense poultry conditioner ..	5 6	nil	0 7½
	13 0	nil	1 6
	36 0	nil	4 0
Streptocide—			
ointment ..	20 0	nil	2 6
	116 0	nil	14 6
powder (vet.) ..	27 0	nil	3 0
	52 0	nil	6 6
	180 0	nil	22 6
tablets (vet.) ..	12 0	nil	1 6
	36 0	nil	4 6
solution ..	40 0	nil	5 0
	132 0	nil	16 6
Sulpho ..	13 6	2 3	1 8
T			
Tenoban ..	48 0	6 0	4 6
	420 0	52 6	39 4
Tibs cat powder ..	4 8	0 9	0 7
	12 0	2 0	1 6
Tinker's dog mixture ..	10 6	1 9	2 3
	32 6	5 5	3 11
	91 0	15 2	10 9
V			
Vac-cones ..	80 0	13 0	11 1
Vetiod ..	87 0	13 0	8 7
Vitalia (vet.) ..	38 0	6 4	4 9
Vitonagen sine strychnina ..	48 7	8 1	5 7
Vitophosphates ..	54 0	9 0	6 3
W			
Wheat germ compound capsules ..	12 0	2 0	1 8
	40 0	6 8	5 0
injection ..	40 0	6 8	5 0
Wurmeline capsules ..	8 0	1 4	1 2
	12 0	2 0	1 8
Y			
Yadil (vet.) ..	9 0	1 6	1 1
	18 0	3 0	2 2
	31 0	5 2	3 1
	86 0	14 4	10 0
	153 0	25 6	19 0
	288 0	48 0	34 0
	528 0	88 0	62 0
ointment (vet.) ..	9 0	1 6	1 1
	36 0	6 0	4 0
Z			
Zant (vet.) ..	18 0	3 0	2 0
	150 0	25 0	19 0

The new B.D.H. tonic

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VALOGEN—the new restorative tonic—provides the Vitamin ‘B’ activity of fresh yeast together with iron, copper, cobalt and manganese. It is an effective substitute for Livogen, the manufacture of which has been suspended for the duration of the war.

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FOR A COMPLETE PHARMACEUTICAL SERVICE



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DUBLIN

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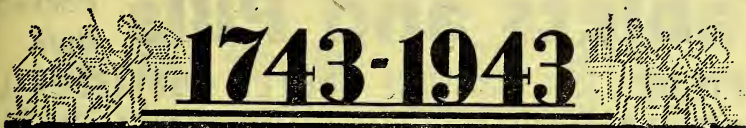
80/85% B.P.
Oil Euc. Dives 40/45%
Oil Euc. Citriodora

70/75% B.P.
Piperitone 90/95%
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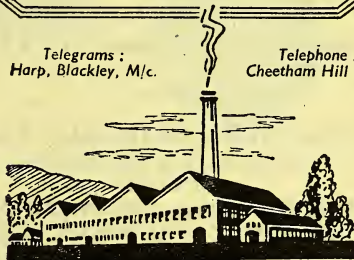
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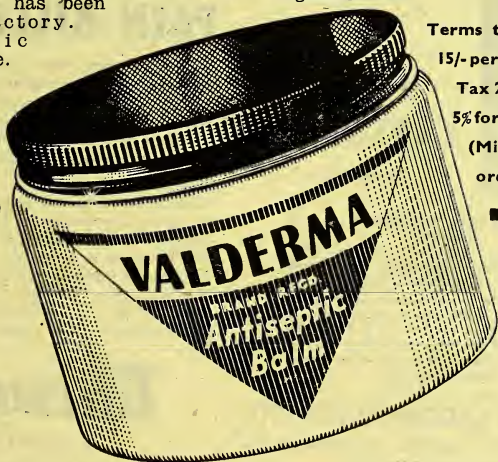
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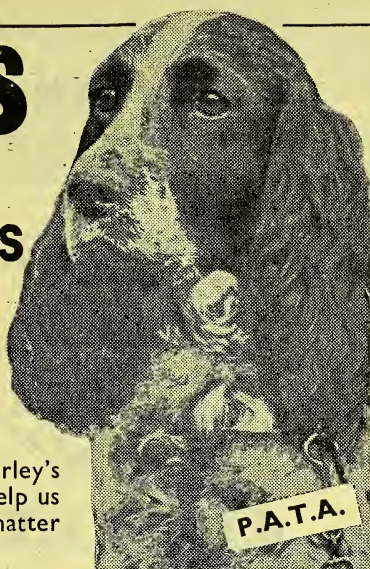
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OCTOBER 9
1943

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MACY. The Royal Arsenal Co-operative Society, Limited, has a vacancy for a Qualified Pharmacist, Progressive position. Good conditions of service, no Sunday or Holiday duties. Apply in writing, stating age, experience, and position desired. The National Service or Registration for Pharmacist Order Acts, together with salary requirements, to the Staff Manager, Royal Arsenal Co-operative Society, Limited, 113 Powis Street, London, S.E.18. Endorse envelope "Pharmacy." BOROUGH Co-operative Society. Wanted, a qualified Chemist-Optician, as Manager, from 1st January 1944 (must be over military age). Applications, stating age, wage required, and qualifications, to be received not later than October 13, 1943, to Victoria Road, Scarborough.

ORS BRITISH CHEMISTS have vacancies for Qualified Managers and Assistant, male or female, in the Midlands and North of England. Apply, Retail Staff Dept., Burley Road, 4.

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